

Appendix B – Detailed Critical Facilities Inventory

Capitola Local Hazard Mitigation Plan Critical Facilities Inventory

| Facility ID | Facility Name/Description | Estimated Year Built | Type of Structure | Building Replacement Value | Contents Value | Occupancy (# of People) | Facility Address | Longitude |
|-------------|---|----------------------|-------------------|----------------------------|----------------|-------------------------|--|-----------|
| 1 | City Hall/Emergency Operations Center | 1975 | Government | \$4,000,000 | \$750,000 | 30 | 420 Capitola Ave | 121.57.12 |
| 1 | Capitola Police Station | 1975 | Government | \$2,000,000 | \$750,000 | 30 | 422 Capitola Ave | 121.57.12 |
| 2 | Central Fire Station #4 | | Government | \$1,000,000 | \$100,000 | 20 | 405 Capitola Ave | 121.57.12 |
| 3 | Jade Street Community Center -- Emergency Shelter | 1978 | Government | \$2,000,000 | \$200,000 | varies | 4500 Jade Street | 121.27.35 |
| 4 | New Brighton Gym -- Emergency Shelter | 1980 | Government | \$2,500,000 | \$75,000 | varies | 300 Wahburn Ave | 121.26.52 |
| 4 | New Brighton School -- Back-up Emergency Shelter | 2010 | Education | \$4,000,000 | \$700,000 | varies | 300 Wahburn Ave | 121.26.52 |
| 5 | Capitola Library -- Backup Emergency Operations Center | 1990 | Government | \$2,000,000 | \$700,000 | 20 | 2005 Wharf Road | 121.57.28 |
| 6 | Capitola Corporation Yard | 1980 | Government | \$1,000,000 | \$500,000 | varies | 430 Kennedy Dr | 121.56.44 |
| 7 | Stockton Avenue Bridge | 1934 | Government | \$7,000,000 | N/A | N/A | N/A | 121.57.11 |
| 8 | Capitola Wharf | 1986 | Government | \$7,000,000 | \$300,000 | N/A | 1400 Wharf Rd | 121.57.11 |
| 9 | Capitola Beach Sea Wall | | Government | \$3,000,000 | N/A | N/A | Capitola Beach | 121.57.02 |
| 10 | New Brighton State Park--staging area for emergency response | N/A | Government | N/A | N/A | N/A | McGrego Drive | 121.56.09 |
| 11 | Cliff Drive -at risk arterial (sea wall and road) | N/A | Government | \$5,000,000 | N/A | N/A | Cliff Drive (Wharf Rd to Opal Cliff Dr) | 121.57.19 |
| 12 | Park Avenue-at risk arterial (sea wall and road) | N/A | Government | \$3,000,000 | N/A | N/A | Park Avenue (Wesley St to Coronado Ave) | 121.56.27 |
| 13 | Police Communications Antenna-Capitola Mall | | Government | \$100,000 | N/A | N/A | 4400 Capitola Road | 121.57.39 |
| 14 | Police Communications Antenna-AAA Building | | Government | \$100,000 | N/A | N/A | 1855 41st Ave | 121.57.59 |
| 15 | Noble Gulch Storm Pipe | 1963 | Utilities | \$5,500,000 | N/A | N/A | 426 Capitola Ave | 121.57.12 |
| 16 | 38th Avenue Drainage Facility | | Utilities | \$1,000,000 | \$300,000 | N/A | Brommer & 38th | 121.58.01 |
| 17 | Capitola Pump Station-Esplanade Park | 1978 | Utilities | \$2,000,000 | \$800,000 | N/A | 104 Monterey Ave | 121.57.00 |
| 18 | Soquel Pump Station | 1975 | Utilities | \$3,000,000 | \$1,700,000 | N/A | N/A | 121.57.25 |
| 19 | Lawn Way Storm Drain Pump Station | 2002 | Utilities | \$200,000 | N/A | N/A | N/A | 121.57.03 |
| 20 | Soquel Creek Water District Treatment Plant, Garnet Street | | Utilities | \$400,000 | \$700,000 | N/A | 4809 Garnet St | 121.57.26 |
| 21 | Soquel Creek Water District Treatment Plant, Monterey Avenue | | Utilities | \$10,000 | \$70,000 | N/A | N/A | 121.56.39 |
| 22 | Soquel Creek Water District MacGregor Booster Pumping Station | | Utilities | not constructed | N/A | N/A | McGregor Drive | 121.56.08 |
| 23 | Capitola Beach Flume | 1940 | Government | \$ 2,000,000 | N/A | N/A | Capitola Beach | 121.57.08 |
| 24 | Capitola Beach Jetty | 1985 | Government | \$ 3,000,000 | N/A | N/A | Capitola Beach | 121.56.59 |
| 25 | Grand Avenue Cliffs | N/A | Government | N/A | N/A | N/A | Grand Avenue between Saxon and Oakland Avenues | 121.56.50 |

Capitola Local Hazard Mitigation Plan Critical Facilities Inventory

| Facility ID | Facility Name/Description | Latitude | Contact Person | Organization | Contact # | Generator | Other Information |
|-------------|---|----------|--------------------|--------------------------------------|--------------|-----------|--|
| 1 | City Hall/Emergency Operations Center | 36.58.28 | Steve Jesberg | City of Capitola | 831-475-7300 | No | Plans to close this treatment plant and associated well Facility location pertains to trail on top of cliff as well as beach access below |
| 1 | Capitola Police Station | 36.58.28 | Captain Tom Held | City of Capitola | 831-475-4242 | Yes | |
| 2 | Central Fire Station #4 | 36.58.26 | Chief Jeff Maxwell | Central Fire Dept. | 831-4796842 | Yes | |
| 3 | Jade Street Community Center -- Emergency Shelter | 36.58.12 | Elise LeGare | City of Capitola | 831-475-5935 | No | |
| 4 | New Brighton Gym -- Emergency Shelter | 36.58.40 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 4 | New Brighton School -- Back-up Emergency Shelter | 36.58.40 | Paul Rucker | Soquel Union School District | 831-464-5639 | No | |
| 5 | Capitola Library -- Backup Emergency Operations Center | 36.58.42 | Jonell Jel'enedra | City of Capitola/SC Public Libraries | 831-427-7705 | No | |
| 6 | Capitola Corporation Yard | 36.59.01 | Eddie Ray Garcia | City of Capitola | 831-476-4227 | No | |
| 7 | Stockton Avenue Bridge | 36.58.20 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 8 | Capitola Wharf | 26.59.09 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 9 | Capitola Beach Sea Wall | 36.58.18 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 10 | New Brighton State Park--staging area for emergency response | 36.58.52 | Charles Bockman | CA State Parks | 831-247-3610 | n/a | |
| 11 | Cliff Drive -at risk arterial (sea wall and road) | 36.58.12 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 12 | Park Avenue-at risk arterial (sea wall and road) | 36.58.40 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 13 | Police Communications Antenna-Capitola Mall | 36.58.24 | Captain Tom Held | City of Capitola | 831-475-4242 | Yes | |
| 14 | Police Communications Antenna-AAA Building | 36.58.37 | Captain Tom Held | City of Capitola | 831-475-4242 | Yes | |
| 15 | Noble Gulch Storm Pipe | 36.58.28 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 16 | 38th Avenue Drainage Facility | 36.58.11 | Rachel Fatoohi | County of Santa Cruz | 831-454-2160 | No | |
| 17 | Capitola Pump Station-Esplanade Park | 36.58.19 | Rachel Lather | SC County Sanitation | 831-454-2160 | Yes | |
| 18 | Soquel Pump Station | 36.58.48 | Rachel Lather | SC County Sanitation | 831-454-2160 | Yes | |
| 19 | Lawn Way Storm Drain Pump Station | 36.58.20 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 20 | Soquel Creek Water District Treatment Plant, Garnet Street | 36.58.19 | Laura Brown | Soquel Creek Water District | 831-475-8500 | Yes | |
| 21 | Soquel Creek Water District Treatment Plant, Monterey Avenue | 36.58.56 | Laura Brown | Soquel Creek Water District | 831-475-8500 | Yes | |
| 22 | Soquel Creek Water District MacGregor Booster Pumping Station | 36.59.00 | Laura Brown | Soquel Creek Water District | 831-475-8500 | Yes | |
| 23 | Capitola Beach Flume | 36.58.17 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 24 | Capitola Beach Jetty | 36.58.17 | Steve Jesberg | City of Capitola | 831-475-7300 | No | |
| 25 | Grand Avenue Cliffs | 36.58.23 | Steve Jesberg | City of Capitola | 831-475-7300 | N/A | |

Appendix C – Local Hazard Mitigation Planning Meeting Materials

- 1. City LHMP Meetings/ Conference Calls**
- 2. Technical Advisory Committee Meetings**

**City of Capitola, CA
Hazard Mitigation Plan Development
Kick Off Meeting**

Meeting Record

**Date: November 3, 2011
2:00 pm Pacific Time
888/727-6732
Passcode: 147404#**

Attendees:

Carolyn Flinn, City of Capitola
Susan Westman, City of Capitola
Derek Johnson, City of Capitola

Bill Wiseman, RBF Consultants
Aaron Pfannenstiel, RBF Consultants
Corinne Bartshire, Dewberry Consultants

Meeting Outcomes:

*Corinne to send draft invitation letter and data request form for City of Capitola to establish the Hazard Mitigation Planning Team

*The City will develop a list of key stakeholders (including the GPAC, representatives from the convalescent facilities, non-profit organizations, and volunteer organizations) to solicit input from during the planning process and request reviews and feedback on the complete draft plan.

*The first TAC milestone meeting will be at 8:00am on December 8th at the City of Capitola Council Chambers

*The City will discuss internally which facilities should be included in the LHMP and complete the template provided by RBF/Dewberry.

Discussion Topics:

The Local Hazard Mitigation Plan development is part of a larger DRI grant. Other projects being completed within the DRI grant include a sea level risk analysis and development of a City Hall / Pacific Cove Area Plan. These projects will be coordinated and integrated into the Local Hazard Mitigation Plan as appropriate. Note: first responders are being moved from the City Hall site to be out of the floodplain. Their needs must be taken into account and any structural resiliency measures implemented should be noted in the hazard mitigation plan.

LHMP Team and Technical Advisory Committee

The City will invite the following organizations to participate in the LHMP development as a member of the TAC.

- Public Works
- Police
- Planning
- Central Fire (Chief Maxwell)
- County OES (Paul Horvat (sp?))
- County Sanitation District
- SoCal Creek District
- PG&E
- School District
- County Zone 5 (?)

The TAC will be expected to participate in 3 to 4 milestone meetings throughout the hazard mitigation planning process.

Critical Facilities

RBF/Dewberry provided the City with a template for listing information regarding the City's critical facilities to be considered in the LHMP. The group discussed that the facilities to be included on the list are those that:

- Are critical for the operation/function of the City of Capitola, and/or,
- May be especially vulnerable to damage from natural hazards, and/or,
- Already have a structural resiliency project identified.

**City of Capitola, CA
Hazard Mitigation Plan Development
Internal City LHMP Team Meeting**

Meeting Record

**Date: Thursday November 10, 2011
2:00 pm Pacific Time**

Attendees:

Jamie Goldstein, City Manager
Susan Westman, Interim Community Development Director
Steve Jesberg, Public Works Director
Mike Card, Chief of Police
Tom Held, Captain
Larry Laurent, Information Technology
Carolyn Flynn, LHMP Coordinator
Aaron Pfannenstiel, RBF Consulting (via phone)

Meeting Outcomes:

- The internal City LHMP Team was given an overview of the LHMP process by Carolyn Flynn and Aaron Pfannenstiel
- The Technical Advisory Committee (TAC) invite letter was reviewed and approved
- The TAC invitation list was reviewed and expanded.
- The LHMP Team brainstormed together and made a preliminary list of 30 critical facilities

Discussion Topics:

LHMP Plan Development

The process of how LHMP is developed, and the role of the internal staff LHMP Team and the larger Technical Advisory Committee was discussed. The timeline and technical data needs were briefly reviewed.

Technical Advisory Committee

The Team reviewed the LHMP Technical Advisory Committees formed by the County and City of Santa Cruz, and used this as reference when reviewing the proposed TAC invitee list. This list was expanded to include additional external invitees.

City of Capitola

1. Community Development Department
2. Police Department
3. Public Works Department

External

4. Central Fire
5. Santa Cruz County Office of Emergency Services

6. Santa Cruz County Department of Public Works, Sanitation Engineering - Water and Wastewater Operations
7. Santa Cruz County Flood Control & Water Conservation District (Zone 5)
8. Pacific Gas & Electric (PG&E)
9. Soquel Creek Water District
10. Soquel Union Elementary School District
11. Santa Cruz Regional 911
12. National Weather Service, NOAA
13. Red Cross
14. California State Parks
15. US Geological Survey

Critical Facilities

The Team reviewed the critical facilities lists for the County and the City of Santa Cruz. Aaron Pfannenstiel was available by speaker phone to define what a critical facility is:

- Are critical for the operation/function of the City of Capitola, and/or,
- May be especially vulnerable to damage from natural hazards, and/or,
- Already have a structural resiliency project identified, and/or
- The City may want to consider for future FEMA grant projects

The preliminary list of critical facilities developed at the meeting is below:

| Facility ID | Facility Name/Description |
|-------------|---|
| 1 | Capitola Police Station |
| 2 | Central Fire Station #1 |
| 3 | City Hall/Emergency Operations Center |
| 4 | Jade Street Park -- Emergency Shelter |
| 5 | New Brighton School & Gym -- Emergency Shelter |
| 6 | Library -- Backup EOC |
| 7 | AAA Building, Radio antenna, 41st Avenue |
| 8 | Capitola Police Sub-station, Radio antenna, Capitola Mall |
| 9 | Corporation Yard |
| 10 | Stockton Avenue Bridge |
| 11 | Noble Gulch Storm Pipe |
| 12 | Capitola Wharf |
| 13 | Capitola Beach Sea Wall |
| 14 | 38th Avenue Drainage Facility |
| 15 | Capitola Pump Station-Esplanade Park |
| 16 | New Brighton Pump Station |
| 17 | Soquel Pump Station |
| 18 | Long Way Storm Drain Pump Station |
| 19 | Soquel Creek Water District Treatment Plant, Garnett Street |

| | |
|----|---|
| 20 | Soquel Creek Water District MacGregor Booster Pumping Station |
| 21 | Shadowbrook Sewer Line |
| 22 | Water Distribution and Sewer collection systems |
| 23 | City Dispatch Center -- Delaveaga Park (include?) |
| 24 | PG&E facility, 41st Avenue |
| 25 | AT&T facility, Capitola & Thompson Avenue |
| 26 | PG&E high pressure gas line underneath City |
| 27 | Union Pacific Railroad |
| 28 | At Risk City Arterials: Cliff Drive and Park Avenue |
| 29 | City Arterials: Wharf, Capitola, 41st, Monterey, Bay, Hwy 1 |
| 30 | Retaining Walls? |

**City of Capitola, CA
Hazard Mitigation Plan Development
Kick Off Meeting**

Meeting Record

**Date: December 1, 2011
3:00 pm Pacific Time
Via Phone Conference**

Attendees:

Carolyn Flynn, City of Capitola

Bill Wiseman, RBF Consulting

Aaron Pfannenstiel, RBF Consulting

Corinne Bartshire, Dewberry

Meeting Outcomes:

- Revised and final agenda for TAC Meeting #1 scheduled for December 8, 2011
- Corinne will prepare a PPT to support the December 8th meeting and discussion of the planning process.
- Bill will bring coffee and muffins.
- RBF will print 21 handouts and arrive by 7:30am on December 8th.

Discussion Topics:

TAC Meeting Agenda

The group discussed the agenda for December 8th and confirmed the process for working with the TAC to:

- * establish a list of identified hazards,
- * prioritize those hazards,
- * confirm the list of critical facilities, and
- * begin brainstorming mitigation strategies.

**City of Capitola, CA
Hazard Mitigation Plan Development
Status Meeting**

Meeting Record

**Date: February 16, 2012
11:00 am Pacific Time
Conference Call**

Attendees:

Carolyn Flynn, City of Capitola
Bill Wiseman, RBF Consulting
Aaron Pfannenstiel, RBF Consulting
Corinne Bartshire, Dewberry

Meeting Outcomes:

- Next status call: February 28th 11am – 12pm
- Carolyn will submit newsletter article. Newsletter will be issued second week of March.
- Corinne to draft public survey for review with this group on February 28th.
- Carolyn will research additional past event information for integration into the hazard profiles.
- Capitola is expecting updated DFIRMs to be effective in May 2012 (<http://www.fema.gov/cis/CA.pdf>). **Carolyn** to check in with City's floodplain administrator on the status of these maps and availability of the new data. **RBF** to coordinate with General Plan update efforts and develop a flood hazard mapping figure that is consistent with the new DFIRMs and establish the appropriate reference for the plan.
- Submit complete drafts of all hazard profiles to Carolyn during the week of Feb 27th and March 5th for the City to review prior to sending to the TAC.
- Submit TAC Review draft of hazard profiles week of March 11th.
- Bill to attend afternoon portion of PAC Cove meeting on February 29th and facilitate integration of the LHMP risk assessment with designs being considered for that site.

Discussion Notes:

Hazard Profiles

Carolyn appreciated receiving preliminary drafts of hazard profiles to understand the format and type of content. Aaron explained approach for addressing climate change considerations for each hazard as opposed to only addressing sea level rise as a hazard profile. Carolyn wants to get review by other folks once we have a full draft of the hazard profiles.

Notes for flood profile probability of occurrence: (discuss coastal storms first as a regular occurrence, people will relate to this). Use language that is easy for residents to understand and

recognize that flooding is an important hazard, but also be consistent and clear about probabilities identified in FIRMs. Note flooding that occurs is due to infrastructure inadequacies.

Carolyn also indicated that she will track down repetitive loss property information and engage in discussions with City staff regarding the approach regarding climate change related discussions.

City Hall PAC Cove Study

Address the question of police being w/o a home and re-thinking this site. Added a study area that is the City Hall / PAC Cove site with DC&E as part of general plan update. There will be a meeting on February 29th (10am – first responders discussion, afternoon discussion will be broader, discussing planning related issues) to talk about this site and what first responders will need if they redevelop the site. This site is an opportunity to potentially relocate both the Police and Fire Departments, which are currently located within the 100 year floodplain. Bill indicated that he would sit in on the afternoon meeting and coordinate with Ben and Susan to ensure that the appropriate information is integrated into the LHMP.

Schedule

Carolyn out next week and back the week of Feb 27th.

**City of Capitola, CA
Hazard Mitigation Plan Development
Status Meeting**

Meeting Record

**Date: February 28, 2012
11:00 am Pacific Time
Conference Call**

Attendees:

Carolyn Flynn, City of Capitola
Bill Wiseman, RBF Consulting
Aaron Pfannenstiel, RBF Consulting
Corinne Bartshire, Dewberry

Text identified in purple is relevant information from the February 16th conference call

Meeting Outcomes:

- Next status call: March 8th, 2012 at 2pm
- Carolyn received the draft survey and has thoughts.
- Aaron will submit hazard profiles within the next day for Carolyn's review.
- Corinne to modify survey based on Carolyn's comments and re-send for her review with City staff.
- Carolyn will start working with City Staff to populate critical facilities spreadsheet.
- Carolyn will research additional past event information for integration into the hazard profiles.
- Capitola is expecting updated DFIRMs to be effective in May 2012 (<http://www.fema.gov/cis/CA.pdf>). **Carolyn** to check in with City's floodplain administrator on the status of these maps and availability of the new data. **RBF** to coordinate with General Plan update efforts and develop a flood hazard mapping figure that is consistent with the new DFIRMs and establish the appropriate reference for the plan.
- Submit complete drafts of all hazard profiles to Carolyn during the week of Feb 27th and March 5th for the City to review prior to sending to the TAC.
- Submit TAC Review draft of hazard profiles week of March 11th.
- Bill to attend afternoon portion of PAC Cove meeting on February 29th and facilitate integration of the LHMP risk assessment with designs being considered for that site.

Discussion Notes:

Hazard Profiles

Several profiles are currently going through an internal quality review. Aaron is compiling a master document to send to Carolyn for the City's review. It will contain place holders for some profiles not yet complete. Aaron will send half of the profiles for Carolyn's review this week and will send the second half next week.

Carolyn appreciated receiving preliminary drafts of hazard profiles to understand the format and type of content. Aaron explained approach for addressing climate change considerations for each hazard as opposed to only addressing sea level rise as a hazard profile. Carolyn wants to get review by other folks once we have a full draft of the hazard profiles.

Notes for flood profile probability of occurrence: (discuss coastal storms first as a regular occurrence, people will relate to this). Use language that is easy for residents to understand and recognize that flooding is an important hazard, but also be consistent and clear about probabilities identified in FIRMs. Note flooding that occurs is due to infrastructure inadequacies.

Carolyn also indicated that she will track down repetitive loss property information and engage in discussions with City staff regarding the approach regarding climate change related discussions.

HMP Survey

Carolyn provided her initial comments and will also share with Jamie and Susan for their comments once a revised version is provided:

- How will business owners answer some of the questions on the survey?
- Can we modify the survey to include business owners as an answer to some questions and modify question language to include business owners?
- Question 1: Add the answer “I am a business owner in the City of Capitola”
- Review all questions to ensure that language includes businesses where applicable (concern to your neighborhood, home, or business)
- Merge insurance questions to fewer questions (possibly two). Make sure the questions reference business owners as well.
- Use General Plan identified neighborhoods for residents in Capitola (from land use white paper) to better identify location within the City.
- Keep zip code question to identify those residing outside the City.
- Move question 3 to later after natural hazards have been identified.
- Repeat 3, 4, 5 for Home and Business owners.
- Question 6: for everyone. For City, residents, businesses, infrastructure or critical facilities including hospitals and schools.
- Question 12: incorporate businesses, add other as a response.
- Discussed the possibility of adding a question regarding additional preparedness in response to the 2011 flood incident.
- Awareness of city resources. Add blank boxes.
- Question 15: merge this question with 19 and separate infrastructure from built facilities in first option. for built facilities note police, fire stations, etc.
- Add City seal and use city colors for the survey background. (light blue and tans)
- Revise opening letter so it is from the City Manager or Mayor and also has contact information highlighted in it. Carolyn will ask who will sign the letter for the City.
- Make sure that when survey is completed it goes to City website.
- Carolyn asked RBF to add Federal, State, and County level preparedness/ response resources to applicable questions. Carolyn indicated she would check with the City’s emergency preparedness personnel regarding City sponsored information.

Critical Facilities

RBF provided a spreadsheet of critical facilities for additional information to be completed by City staff and TAC.

Carolyn will coordinate with City staff on populating location, replacement value, and other details on critical facilities list. RBF also requested that City staff determine if any facilities need to be kept confidential, so their location is not identified in the plan document.

City Hall PAC Cove Study

Address the question of police being w/o a home and re-thinking this site. Added a study area that is the City Hall / PAC Cove site with DC&E as part of general plan update. There will be a meeting on February 29th (10am – first responders discussion, afternoon discussion will be broader, discussing planning related issues) to talk about this site and what first responders will need if they redevelop the site. This site is an opportunity to potentially relocate both the Police and Fire Departments, which are currently located within the 100 year floodplain. Bill indicated that he would sit in on the afternoon meeting and coordinate with Ben and Susan to ensure that the appropriate information is integrated into the LHMP.

Schedule

Bill will be out all week next week (March 5th – 9th)

**City of Capitola, CA
Hazard Mitigation Plan Development
Status Meeting**

Meeting Record

**Date: March 08, 2012
1:30 pm Pacific Time
Conference Call**

Attendees:

Carolyn Flynn, City of Capitola
Steve Jesberg, City of Capitola
Aaron Pfannenstiel, RBF Consulting
Corinne Bartshire, Dewberry

Meeting Outcomes:

- Next status call: March 15th, 2012 at 2pm
- Carolyn to provide City comments on remaining Hazard Profiles on Tuesday March 13, 2012
- Carolyn to meet with Carolyn Swift (City Historian) to discuss historical information for incorporation into the Hazard profiles.
- Revised Draft Hazard Profiles to be submitted to TAC members on Friday March 16, 2012 upon approval by City staff.
- Carolyn to provide RBF with copies of the Capitola Newsletter and press releases issued that request participation in the online survey.

Discussion Notes:

Hazard Profiles

RBF submitted the first portion of the hazard profiles on February 29, 2012. City provided preliminary comments on March 6th, 2012.

HMP Survey

The final version of the survey is online and awaiting distribution of the Capitola Newsletter.

TAC Meeting materials

RBF will send out the meeting materials on Friday March 16th. It is anticipated that the materials sent out will be the Draft of the Hazard Profiles document and final critical facilities list.

Repetitive Loss Properties

Corinne will call FEMA regarding the status of any Repetitive Loss Properties within the City. (Corinne provided Carolyn with a contact number for Michael Hornick at FEMA, 510.627.7260, to inquire about the repetitive loss properties on March 13, 2012)

Critical Facilities

City staff are currently updating the critical facilities spreadsheet and providing additional information where applicable.

Schedule

Next TAC Meeting (March 22nd at 8:30 am)

**City of Capitola, CA
Hazard Mitigation Plan Development
Status Meeting**

Meeting Record

**Date: March 15, 2012
2:00 pm Pacific Time**
Conference Call

Attendees:

Carolyn Flynn, City of Capitola
Steve Jesberg, City of Capitola
Aaron Pfannenstiel, RBF Consulting
Corinne Bartshire, Dewberry

Meeting Outcomes:

- Next status call: TBD
- Carolyn to provide City comments on remaining Hazard Profiles on Tuesday March 13, 2012
- Carolyn to meet with Carolyn Swift (City Historian) to discuss historical information for incorporation into the Hazard profiles.
- Revised Draft Hazard Profiles to be submitted to TAC members on Friday March 16, 2012 upon approval by City staff.
- Carolyn to provide RBF with copies of the Capitola Newsletter and press releases issued that request participation in the online survey.

Discussion Notes:

Hazard Profiles

Steve to provide additional tsunami info
Anecdotal information on Loma Prieta EQ

Re-wrote goals and objectives

Flood events – TAC to provide some additional data on Soquel Creek basin.

Noble Gulch flood – sensitive language – flood resulting from a storm drain failure. Don't call it a culvert. Pipe failure that occurred in a mobile home park and the village

Drought – give it to the water districts and see if they want to change it.

Fire – same as drought.

Haz Mat – haz mat

Expansive – remove this.

Comments on Intro and Community Profile forthcoming
Only send chapter 3 to TAC

Notes in text – City staff is working on a lot of the additional information.

Flip flop title block

Add a link to the survey

Bill to get coffee and snacks.

TAC Meeting materials

RBF will send out the meeting materials on Friday March 16th. It is anticipated that the materials sent out will be the Draft of the Hazard Profiles document and final critical facilities list.

Repetitive Loss Properties

Corinne will call FEMA regarding the status of any Repetitive Loss Properties within the City. (Corinne provided Carolyn with a contact number for Michael Hornick at FEMA, 510.627.7260, to inquire about the repetitive loss properties on March 13, 2012)

Critical Facilities

City staff are currently updating the critical facilities spreadsheet and providing additional information where applicable.

Schedule

Next TAC Meeting (March 22nd at 8:30 am)

**City of Capitola, CA
Hazard Mitigation Plan Development
Status Meeting**

Meeting Record

**Date: May 17, 2012
11:00am Pacific Time**
Conference Call

Attendees:

Carolyn Flynn, City of Capitola
Susan Westman, City of Capitola
Steve Jesberg, City of Capitola
Aaron Pfannenstiel, RBF Consulting
Corinne Bartshire, Dewberry
Bill Wiseman, RBF Consulting

Meeting Outcomes:

- Dewberry to review Chapters 1-3, draft vulnerability assessment results, and draft mitigation strategies. Delivery to RBF by May 25.
- Draft Plan: Sections 1 - 4 to be submitted to City by June 8.
- Carolyn to follow up on identification of any Repetitive Loss Properties in Capitola (Michael Hornick at FEMA, 510.627.7260).
- Carolyn to provide RBF with copies of the Capitola Newsletter and press releases issued that request participation in the online survey.

Discussion Notes:

PAC Cove Meeting (May 12, 2012)

Good consensus regarding temporary parking within mobile home site until a parking garage is built, and then mobile home site can be converted to more natural open/recreational space. Want building a parking structure to be a city priority. No momentum behind relocating City Hall to another site. No one reached consensus on area #4.

Bill presented the hazard mitigation planning process. Got some good questions. Provided handouts with survey link. People get a sense of what's happening, and why it's important. City Manager is anxious to get the LHMP completed.

Suggestion to add Grand Ave as a critical facility, with strategies for storm water management and jetty or structure at the toe to keep sand in place. City is interested in saving the pedestrian access along Grand Ave. Saving the pedestrian access will also help the private property owners. Refer to location in the Plan as the Grand Avenue Cliffs.

LHMP Preparation and Revisions

RBF/Dewberry are working through revisions. Risk assessment is being written up along with drafts of mitigation strategies for the City to consider/review in advance of TAC meeting on June 28th. Only outstanding issue at this time requiring follow up is the status of repetitive loss properties information request with FEMA.

Schedule

TAC Meeting 6/28/2012

GPAC Meeting 8/8/2012 – Provide public review draft of LHMP. Ask the GPAC to use the LHMP to inform the General Plan Elements (Safety, Land Use, Housing, etc).

**City of Capitola, CA
Hazard Mitigation Plan Development
Status Meeting (Conference Call 8)**

Meeting Record

**Date: June 18, 2012
9:30 am Pacific Time**
Conference Call

Attendees:

Carolyn Flynn, City of Capitola
Susan Westman, City of Capitola
Steve Jesberg, City of Capitola
Aaron Pfannenstiel, RBF Consulting
Corinne Bartshire, Dewberry
Bill Wiseman, RBF Consulting

Meeting Outcomes:

Administrative Draft LHMP Document will be provided to City for distribution to the TAC on Thursday June 21, 2012.

Discussion Notes:

Administrative Draft LHMP

- Review of mitigation actions – need to add acronym names for potential funding, add other funders (CDBG, other state funding programs) Add a number system with each of the funding sources.
- Add update zoning ordinance regarding seismic hazards as a part of the General Plan update. Will be consistent with the City's LHMP/ informed by the hazards risk assessment
- City to email the most current floodplain management ordinance. RBF to add in flood ordinance language to the document.
- Need to add the vulnerability summary to the document.
- Add in potential losses to the risk assessment tables within the plan.
- Make the revisions to the Admin Draft of the plan.
- Close the public opinion survey for the Admin Draft LHMP.
- Maps will be 8.5x11.
- Send over the historic timeline to Carolyn.
- Sprinkle in some images to the document.
- City to provide grant list after TAC meeting.

Schedule

City reviewed the schedule and supports the proposed milestones and timeframes shown.

| Task | Date |
|--|-------------|
| Administrative Draft LHMP to TAC Members | 6/22 |
| TAC Meeting #3 | 6/28 |
| City Comments on Admin. Draft LHMP to RBF | 7/6 |
| Screencheck Draft LHMP to City | 7/10 |
| City Comments on Screencheck Draft LHMP to RBF | 7/13 |
| Public Review Draft LHMP | 7/20 |
| GPAC Meeting | 8/8 |
| Completion of Public Review (30 days) | 8/16 |
| Transmittal to Cal EMA | 8/20 |
| Planning Commission | Sept. / Oct |
| City Council | Oct. / Nov. |
| Final LHMP | November |
| FEMA Approval | Dec. / Jan. |



Hazard Mitigation Planning Team

Meeting Record

| | | | |
|--------------------|---|------------------|---|
| Subject: | Hazard Mitigation Plan TAC Meeting 1 | Date: | December 8, 2011 |
| | | Time: | 8:00 AM |
| Leader: | Jamie Goldstein City Manager | Location: | City Hall 420 Capitola Avenue, Capitola, CA 95010 |
| Purpose: | Kick off meeting for the Capitola Hazard Mitigation Planning Team to review the Plan process and various components necessary to begin Plan preparation. | | |
| Attendees: | Refer to Sign-In Sheet (Attachment 1) | | |
| Primary POC | City of Capitola – Carolyn Flynn, 831-475-7300, cflynn@ci.capitola.ca.us RBF Consulting – Aaron Pfannenstiel, 909-974-4917, ajp@rbf.com | | |

| Item | Description |
|------|--|
| 1 | Welcome and Introductions Jamie Goldstein, City Manager, thanked the Technical Advisory Committee members for attending and participating in the development of the Hazard Mitigation Plan (HMP). Each attendee introduced themselves and stated their connection to the plan. The RBF/Dewberry consultants emphasized that the development of the HMP is for the City of Capitola, and should be compiled as a useful document in addition to meeting the requirements to be eligible for mitigation funding through the Disaster Mitigation Act of 2000. <i>(Refer to the accompanying list of TAC members.)</i> |

| Item | Description |
|------|---|
| 2 | <p>Hazard Mitigation Plan Process and Timeline</p> <p>Corinne Bartshire, Dewberry, presented the requirements of the mitigation planning process. Aaron Pfannenstiel, RBF, discussed the anticipated timeline for developing the HMP.</p> <p><u>Anticipated Timeline:</u></p> <p>TAC Meeting 2: March 2012 (Review Hazard Profiles and Establish Risk Assessment Methodology)</p> <p>TAC Meeting 3: June 2012 (Review Risk Assessment and Develop Mitigation Strategy)</p> <p>Complete Review Draft of HMP: July 2012</p> <p><i>Refer to the accompanying power point slides for documentation of the key points (Attachment 2)</i></p> |
| 3 | <p>Review and Prioritize Hazards</p> <p>Collectively, the Technical Advisory Committee reviewed a comprehensive list of natural hazards and identified which should be included in the hazard mitigation plan. <i>(Refer to the Hazard Identification Table below.)</i></p> <p>The Technical Advisory Committee prioritized the identified hazards based on probability, potential extent, potential primary impacts, and potential secondary impacts of each hazard. <i>Refer to the accompanying completed Hazard Ranking Worksheet (Attachment 3).</i></p> |
| 4 | <p>Discuss Critical Facilities List</p> <p>Prior to this meeting, Carolyn Flynn organized a collaborative effort to draft a list of critical facilities that should be considered for ways to reduce future risk from natural hazards. The Technical Advisory Committee made initial comments, revisions, and suggestions for this list as presented in the <i>Critical Facilities table below</i>. Additional comments and input from the TAC is welcome.</p> |

| Item | Description |
|------|--|
| 5 | <p>Overview of Goals and Objectives</p> <p>The goals and objectives noted in the Santa Cruz County HMP were included in the meeting packet and in this meeting record. The TAC was asked to review these and begin thinking about appropriate goals for the City of Capitola. This will be discussed further at the next meeting.</p> |
| 6 | <p>Action Items / Closing</p> <p>**The TAC is encouraged to review this meeting record and accompanying materials carefully. Comments, corrections, additions, revisions, are welcome.</p> <p>**The TAC members are requested to provide relevant plans and documents (as mentioned in the meeting) to Carolyn Flynn so that the HMP development may be informed by them.</p> <p>**The next TAC meeting is scheduled for March 22nd from 8:30 – 10:30am.</p> |

Hazard Identification Table

This table summarizes the results of the TAC's facilitated conversation regarding which hazards are relevant and of concern to the City of Capitola

| Comprehensive Hazard List | Identified in 2010 County Plan | Inclusion in City HMP | Discussion Summary |
|---------------------------------|--------------------------------|-----------------------|---|
| Agricultural Pests | | No | Not enough agriculture in the City to warrant a concern. |
| Avalanche | | No | Not Applicable |
| Coastal Erosion / Bluff Failure | X | Yes | This is an event based concern as well as a long term concern, specifically because storm/sewer utility pipelines run through the bluffs. |
| Coastal Storm | X | Yes | Concerns include high surf, high tide, storm related coastal flooding from ocean and fluvial (Soquel Creek), wharf protection |
| Dam Failure | X | No | There are no levees or dams that would impact the City. |
| Drought | X | Yes | Soquel Creek Water District is supplied by ground water (less susceptible to seasonal drought). The basin is over drafted and susceptible to sea water intrusion. |
| Earthquake (and Liquefaction) | X (Liquefaction) | Yes | Capitola is located in an area susceptible to earthquake ground shaking and liquefaction. |
| Expansive soils | X | TBD | Soils along Soquel Creek may be expansive. The TAC will collect soils reports and conduct further research to determine if this is a significant concern. |

| Comprehensive Hazard List | Identified in 2010 County Plan | Inclusion in City HMP | Discussion Summary |
|----------------------------|--------------------------------|-----------------------|---|
| Extreme Temperature | | No | During the 2006 heat wave, the City of Capitola did not experience any problems. Extreme cold in the past has caused a few pipe breaks but no significant problems. |
| Flood | X (Coastal Storms) | Yes | Flooding is a problem in conjunction with coastal storms. |
| Geological Hazards | | Yes – see summary | This category may be used to group bluff erosion, earthquake, landslides, etc in the hazard profiles. |
| Hailstorm | | No | There has been no significant damage from previous storms. The TAC noted that thunderstorms with lightening could damage antennas used for communication, but agreed it was not a significant risk. |
| Hazardous Materials Spills | | Yes | Concerns include: treatment facility in the Jewel Box area, Highway 1, Railroad, and Oil Spills. |
| Hurricane | | No | Not Applicable |
| Land Subsidence | | No | Not Applicable |
| Landslide and Mudflow | X | Yes | There is a potential for mudflow down Soquel Creek and impacting Wharf Road. |
| Man Caused Hazards | | No | Except for Hazardous Materials Spills, the TAC agreed the intent of this plan is to focus on natural hazard risk. |
| Severe Winter Storm | | No | Not Applicable |

| Comprehensive Hazard List | Identified in 2010 County Plan | Inclusion in City HMP | Discussion Summary |
|---------------------------|--------------------------------|-----------------------|---|
| Tornado | | No | Tornados and water spouts are possible, but very rare. The TAC noted that a tornado occurrence could be devastating, but the probability does not warrant inclusion in this plan. |
| Tsunami | X | Yes | The City evacuated some areas in March 2011. There was a surge but no damage from that event. |
| Volcano | | No | Not Applicable |
| Wildfire | X | Yes | Concerns include: Wharf Road Corridor, New Brighton area, eucalyptus trees along the bluffs |
| Wind | | No | Regular wind does not cause significant damage |
| Windstorm | | Yes | During severe windstorms trees fall. Severe wind also exacerbates wildfires. |
| Sea Level Rise | | Yes | The City is participating in a sea level rise study concurrent with development of this plan. |
| Climate Change | | Yes – see summary | Climate change will be considered as an exacerbation factor for all of the identified hazards. |
| Infrastructure Failure | | Yes – see summary | Hazard profiles will consider the impacts of infrastructure failure holistically (regardless of which hazard causes the failure) |

Critical Facilities – WORKING DRAFT

| Facility ID | Facility Name/Description |
|-------------|--|
| 1 | Capitola Police Station |
| 2 | Central Fire Station #4 |
| 3 | City Hall/Emergency Operations Center |
| 4 | Jade Street Park -- Emergency Shelter |
| 5 | New Brighton School & Gym -- Emergency Shelter |
| 6 | Library -- Backup EOC |
| 7 | AAA Building, Radio antenna, 41st Avenue |
| 8 | Capitola Police Sub-station, Radio antenna, Capitola Mall |
| 9 | Corporation Yard |
| 10 | Stockton Avenue Bridge |
| 11 | Noble Gulch Storm Pipe / Sewer Trunk Line |
| 12 | Capitola Wharf |
| 13 | Capitola Beach Sea Wall |
| 14 | 38th Avenue Drainage Facility |
| 15 | Capitola Pump Station-Esplanade Park |
| 16 | State Parks (New Brighton) |
| 17 | United Way (as an evacuation location) |
| 18 | Soquel Pump Station |
| 19 | Long Way Storm Drain Pump Station |
| 20 | Soquel Creek Water District Treatment Plant, Garnett Street |
| 21 | Soquel Creek Water District MacGregor Booster Pumping Station |
| 22 | Shadowbrook Sewer Line |
| 23 | Water Distribution and Sewer collection systems |
| 24 | City Dispatch Center -- Delaveaga Park (include?) |
| 25 | PG&E facility, 41st Avenue electrical substation |
| 26 | AT&T facility, Capitola & Thompson Avenue high security building |
| 27 | PG&E high pressure gas line underneath City |
| 28 | Union Pacific Railroad |
| 29 | At Risk City Arterials: Cliff Drive and Park Avenue |
| 30 | City Arterials: Wharf, Capitola, 41st, Monterey, Bay, Hwy 1 |

| | |
|----|---|
| 31 | Retaining Walls? |
| 32 | Monterey Avenue Well, Soquel Creek Water District |
| 33 | Staging Areas for emergency response |
| 34 | Alternatives for emergency shelters (hotels?) for Access and Functional Needs population and senior residents |

Overview of Goals and Objectives

Requirement: The Hazard Mitigation Strategy shall include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

Intended to:

- Guide development and implementation of mitigation actions.
- Reduce or avoid the effects of the profiled hazards addressed in the risk assessment.
- Be compatible with the goals of the community (General Plan Update)

Goals and Objectives should:

- Be based on the findings of the local and State risk assessments; and
- Represent a long-term vision for hazard reduction or enhancement of mitigation capabilities.

2010 Santa Cruz County Hazard Mitigation Plan Example:


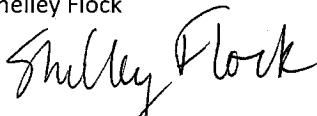
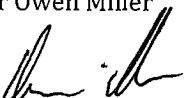

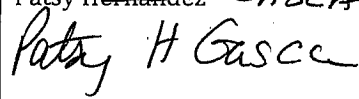
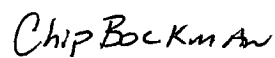
The four primary goals for reducing disaster risk in the Santa Cruz County Hazard Mitigation Plan include:

1. Avoid or reduce the potential for loss of life, injury and economic damage to Santa Cruz residents from earthquakes, wildfires, floods, drought, tsunami, coastal erosion, landslide, and dam failure.
2. Increase the ability of the County government to serve the community during and after hazard events.
3. Protect Santa Cruz's unique character, scenic beauty and values from being compromised by hazard events.
4. Encourage mitigation activities to increase the disaster resilience of institutions, private companies and systems essential to a functioning Santa Cruz.

SIGN-IN SHEET

City of Capitola Local Hazard Mitigation Plan Technical Advisory Committee
Thursday, December 8, 2011 8:00 - 10:00 am


| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address |
|--|------------------------|---------------------------------------|--|-------------------|------------------------------|
| Jamie Goldstein  | City of Capitola | City Manager | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | jgoldstein@ci.capitola.ca.us |
| Susan Westman  | City of Capitola | Interim Community Dev. Director | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | swestman@ci.capitola.ca.us |
| Steve Jesberg  | City of Capitola | Public Works Director | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | sjesberg@ci.capitola.ca.us |
| Michael Card | City of Capitola | Chief of Police | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | mcard@ci.capitola.ca.us |
| Tom Held  | City of Capitola | Captain | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | theld@ci.capitola.ca.us |
| Larry Laurent  | City of Capitola | Information Technology | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | llaurent@ci.capitola.ca.us |
| Carolyn Flynn  | City of Capitola | LHMP Coordinator | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | cflynn@ci.capitola.ca.us |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address |
|--|--|--|---|----------------------------|--|
| Scotty Douglas  | Santa Cruz Regional 911 | General Manager | 495 Upper Park Road Santa Cruz, CA 95065 | 831-471-1014 | scotty@scr911.org |
| Paul Horvatt | County of Santa Cruz | Emergency Services Manager | 459 Upper Park Road Santa Cruz, CA 95065 | (831) 458-7109 | OES014@co.santa-cruz.ca.us |
| Kevin C. Cole  | Soquel Creek Water District | Field Crew Supervisor/ Safety | P.O. Box 1550 Capitola, CA 95010 | (831) 475-8501 Ext. 137 | kcole@soquelcreekwater.org |
| Shelley Flock  | Soquel Creek Water District | Staff Analyst | P.O. Box 1550 Capitola, CA 95010 | 831) 475-8501, Ext 156 | shelleyf@soquelcreekwater.org |
| Paul Rucker  | Soquel Union Elementary School District | Director of Maintenance and Operations | 620 Monterey Avenue Capitola, CA 95010 | (831) 464-5639 | PRucker@suesd.org |
| Jeff Maxwell or Owen Miller  | Central Fire Protection District of Santa Cruz County | Chief/ Battalion Chief | 930 17th Avenue Santa Cruz, California 95062 | 831-479-6842 | owenm@centralfpd.com jeffm@centralfpd.com |
| Tom Evans  | National Weather Service Forecast Office, NOAA | Warning Coordination Meteorologist | 21 Grace Hopper Ave., Stop 5 Monterey, CA 93943 | 831-656-1710 X223 | Tom.Evans@noaa.gov |
| Patsy Hernandez  GASCA | Red Cross | | 2960 Soquel Avenue Santa Cruz, CA 95062 | 831-462-2881 | gascaph@usa.redcross.org |
| Charles Bockman  | California State Parks | Parks Superintendent | 144 School Street Santa Cruz, CA 95060 | (831) 247 3610. | CBOCKMAN@PARKS.CA.GOV |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address |
|---|---|--|---|--|--------------------------------|
| Don Hill <i>Don Hill</i> | SC County Public Works & Flood Control & Water Conservation District (Zone 5) | Assistant Director, Public Works | 701 Ocean Street, Rm 410 Santa Cruz, CA 95060 | 454-2160 | dpw054@co.santa-cruz.ca.us |
| Rachel Lather <i>Rachel Lather</i> | Santa Cruz County Sanitation District | Senior Civil Engineer | 701 Ocean Street, Rm 410 Santa Cruz, CA 95060 | 454-2160 | dpw139@co.santa-cruz.ca.us |
| Wendy Abbott Sarsfield | PG&E | Central Coast Government Relations | 356 E. Elisal Street Salinas, CA 93901 | 831-784-3584 | wasc@pge.com |
| Dave Revell | Phillips, Williams & Associates | Geomorphologist | 740 Front Street Suite 345B Santa Cruz, CA 95060 | 415-262-2312 | DRevell@esassoc.com |
| Bill Wiseman <i>BW</i> | RBF Consulting | Project Director | 3180 Imjim Rd. Marina, CA | 831-883-8187 | bwiseman@rbf.com |
| Aaron Pfannenstiel <i>Aaron Pfannenstiel</i> | RBF Consulting | Project Manager | 3300 E. Guasti Road, Suite 100 Ontario, CA 91761 | 909.974.4917 909.374.4828 909.974.4004 | ajp@rbf.com |
| Cornine Bartshire <i>Cornine Bartshire</i> | Dewberry | Deputy Project Manager | 1410 Rocky Ridge Drive, Suite 305 Roseville, CA 95661 | 415.295.7116 805.441.5591 916.380.3750 | cbartshire@dewberry.com |
| Patrick Barnard <i>Patrick Barnard</i> | USGS | Coastal Geologist | 400 Natural Bridges Dr. Santa Cruz, CA 95060 | 831-427-4756 415-328-2087 cell | pbarnd@usgs.gov |
| Rachel Fatohi <i>Rachel Fatohi</i> | County of Santa Cruz | Senior Civil Engineer | 701 Ocean Street Santa Cruz | (831) 454-2815 | Rachel.Fatohi@co.santa-cruz.ca |

David Foster


City of Capitola



City of Capitola Hazard Mitigation Plan


Technical Advisory Committee
Meeting #1

December 8, 2011- 8:00am
Capitola City Hall Council Chambers




Meeting Objectives

- Understand hazard mitigation plan requirements
- Agree upon planning timeline and process
- Discuss past hazard events
- Determine hazards and prioritization
- Establish critical facilities list
- Discuss potential goals and objectives
- Review action items




Plan Requirements

- **Planning Process**
 - Document how the plan was prepared and who was involved
 - Provide and document opportunities for stakeholder involvement
 - At a minimum, stakeholders must include:
 - Local and regional agencies involved in hazard mitigation activities;
 - Agencies that have the authority to regulate development; and
 - Neighboring communities (neighboring communities, local and regional agencies)
 - Provide and document opportunities for public involvement
 - During plan development and prior to adoption
 - Review and incorporation of existing plans, studies, reports, and technical information
 - Continual public participation
 - Monitoring, evaluating, and updating plan



Plan Requirements

- **Hazard Identification and Risk Assessment**
 - Description of all hazards that affect the planning area & rationale for omitting recognized hazards from analysis
 - Hazard Profiles
 - Location
 - Extent
 - Previous occurrences
 - Probability of future events
 - Vulnerability Assessment
 - Summary of the City's vulnerability to each hazard
 - Summary of potential impacts of each hazard
 - types and numbers of existing/future buildings, infrastructure, and critical facilities in identified hazard areas
 - estimate of potential dollar losses to vulnerable structures & methodology
 - land use development trends
 - Summary of repetitive loss properties



Plan Requirements

- **Mitigation Strategy**
 - Existing authorities, policies, programs and resources available to accomplish hazard mitigation
 - Description of participation in the NFIP
 - Mitigation Goals
 - Identification & Analysis of Mitigation Actions
 - Comprehensive range
 - Emphasis on the built environment
 - Action Plan
 - Prioritization of actions
 - How the actions will be implemented and administered
 - Cost-benefit review
 - Integration with planning mechanisms
- **Adoption by City Council**



It's Your Plan

We are here to:

- Facilitate the process
- Lend technical expertise and consultation
- Do the heavy lifting and dirty work

You need to:

- Participate
- Make the final decisions
- Make sure that the plan is feasible and meets your needs



Planning Timeline

| LHMP Task | Anticipated Timeline |
|---|----------------------|
| LHMP TAC Meeting 1 (Today) | December 2011 |
| Background Research/ Investigation | January - March 2012 |
| Preparation of Hazard Profiles | |
| Verification of Critical Facilities | |
| Coordination with City Staff | |
| LHMP TAC Meeting 2 | March 2012 |
| Review Hazard Profiles/ Mapping and Critical Facilities Mapping | |
| Hazards Vulnerability Mapping | April - May 2012 |
| Incorporation of Sea Level Change Analysis | |
| Preparation of Risk Assessment | |
| LHMP TAC Meeting 3 | June 2012 |
| Review of Risk Assessment and Development of Mitigation Actions | |
| Preparation of Administrative Draft LHMP Document | June-July 2012 |
| LHMP Team and TAC Review and Approval of Draft LHMP | July 2012 |



Data Needs

Every person in this room is a vital resource to obtaining relevant data for this plan:

- GIS Layers for critical facilities
- Anecdotal information about past events
- Institutional knowledge about facilities or chronic issues

If you have data/ information that may be useful, please contact Carolyn Flynn.



City of Capitola Hazard Identification and Prioritization



Hazard Identification

| FEMA Suggested Hazards | Identified in 2010 County Plan | Preliminary Disposition | Prioritization (After Ranking) |
|-------------------------------|--------------------------------|-------------------------|--------------------------------|
| Agricultural Pests | | | |
| Avalanche | | | |
| Coastal Erosion | X | | |
| Coastal Storm | X | | |
| Dam Failure | X | | |
| Drought | X | | |
| Earthquake (and Liquefaction) | X (Liquefaction) | | |
| Expansive soils | X | | |
| Extreme Heat | | | |
| Flood | X (Coastal Storms) | | |
| Geological Hazards | | | |
| Hailstorm | | | |
| Hazardous Materials | | | |



Hazard Identification

| FEMA Suggested Hazards | Identified in 2010 County Plan | Preliminary Disposition | Prioritization (After Ranking) |
|--------------------------------|--------------------------------|-------------------------|--------------------------------|
| Hazardous Materials | | | |
| Hurricane | | | |
| Land Subsidence | | | |
| Landslide and Mudflow | X | | |
| Man Caused Hazards | | | |
| Severe Winter Storm | | | |
| Tornado | | | |
| Tsunami | X | | |
| Volcano | | | |
| Wildfire | X | | |
| Wind | | | |
| Windstorm | | | |
| Climate Change/ Sea Level Rise | | | |

Hazard Prioritization Exercise



City of Capitola Critical Facilities



| Facility ID | Facility Name/Description |
|-------------|---|
| 1 | Capitola Police Station |
| 2 | Central Fire Station #1 |
| 3 | City Hall/Emergency Operations Center |
| 4 | Jade Street Park -- Emergency Shelter |
| 5 | New Brighton School & Gym -- Emergency Shelter |
| 6 | Library -- Backup EOC |
| 7 | AAA Building, Radio antenna, 41st Avenue |
| 8 | Capitola Police Sub-station, Radio antenna, Capitola Mall |
| 9 | Corporation Yard |
| 10 | Stockton Avenue Bridge |
| 11 | Noble Gulch Storm Pipe |
| 12 | Capitola Wharf |
| 13 | Capitola Beach Sea Wall |
| 14 | 38th Avenue Drainage Facility |
| 15 | Capitola Pump Station-Esplanade Park |



| Facility ID | Facility Name/Description |
|-------------|---|
| 16 | New Brighton Pump Station |
| 17 | Soquel Pump Station |
| 18 | Long Way Storm Drain Pump Station |
| 19 | Soquel Creek Water District Treatment Plant, Garnett Street |
| 20 | Soquel Creek Water District MacGregor Booster Pumping Station |
| 21 | Shadowbrook Sewer Line |
| 22 | Water Distribution and Sewer collection systems |
| 23 | City Dispatch Center -- Delaveaga Park (include?) |
| 24 | PG&E facility, 41st Avenue |
| 25 | AT&T facility, Capitola & Thompson Avenue |
| 26 | PG&E high pressure gas line underneath City |
| 27 | Union Pacific Railroad |
| 28 | At Risk City Arterials: Cliff Drive and Park Avenue |
| 29 | City Arterials: Wharf, Capitola, 41st, Monterey, Bay, Hwy 1 |
| 30 | Retaining Walls? |



City of Capitola Goals for Hazard Mitigation Planning



Santa Cruz County Goals

1. Avoid or reduce the potential for loss of life, injury and economic damage to Santa Cruz residents from earthquakes, wildfires, floods, drought, tsunami, coastal erosion, landslide, and dam failure.
2. Increase the ability of the County government to serve the community during and after hazard events.
3. Protect Santa Cruz's unique character, scenic beauty and values from being compromised by hazard events.
4. Encourage mitigation activities to increase the disaster resilience of institutions, private companies and systems essential to a functioning Santa Cruz.



HAZARD RANKING WORKSHEET - City of Capitola

DATE: 12/8/2011

| Hazard Type | Probability | Impact | | | Total Score | Hazard Planning Consideration |
|---|-------------|---------------|----------------|-------------------|-------------|-------------------------------|
| | | Affected Area | Primary Impact | Secondary Impacts | | |
| Coastal Erosion / Bluff Failure | 4 | 1 | 3 | 2 | 31.20 | Moderate |
| Drought | 3 | 4 | 3 | 3 | 40.80 | Moderate |
| Earthquake (and Liquefaction) | 4 | 4 | 4 | 4 | 64.00 | Significant |
| Expansive soils | 0 | 0 | 0 | 0 | 0.00 | Limited |
| Flood (riverine and coastal, including storm surge) | 4 | 4 | 4 | 4 | 64.00 | Significant |
| Hazardous Materials | 2 | 3 | 3 | 3 | 24.00 | Moderate |
| Landslide and Mudflow | 2 | 1 | 2 | 2 | 12.80 | Moderate |
| Tsunami | 2 | 2 | 4 | 4 | 25.60 | Moderate |
| Wildfire | 2 | 2 | 2 | 2 | 16.00 | Moderate |
| Sea Level Rise | 4 | 1 | 4 | 4 | 44.80 | Significant |
| Windstorm | 3 | 4 | 3 | 2 | 37.80 | Moderate |
| | | | | | 0.00 | Limited |
| | | | | | 0.00 | Limited |
| | | | | | 0.00 | Limited |

ProbabilityImportance *Based on estimated likelihood of occurrence from historical data*

| <u>Probability</u> | <u>Score</u> |
|--------------------|--------------|
| Unlikely | 1 |
| Somewhat Likely | 2 |
| Likely | 3 |
| Highly Likely | 4 |

Affected AreaImportance *Based on size of geographical area of community affected by hazard*

| <u>Affected Area</u> | <u>Score</u> |
|----------------------|--------------|
| Isolated | 1 |
| Small | 2 |
| Medium | 3 |
| Large | 4 |

Primary ImpactImportance *Based on percentage of damage to typical facility in community*

| <u>Impact</u> | <u>Score</u> |
|---------------------------------------|--------------|
| Negligible - less than 10% damage | 1 |
| Limited - between 10% and 25% damage | 2 |
| Critical - between 25% and 50% damage | 3 |
| Catastrophic - more than 50% damage | 4 |

Secondary ImpactsImportance *Based on estimated secondary impacts to community at large*

| <u>Impact</u> | <u>Score</u> |
|---|--------------|
| Negligible - no loss of function, downtime, and/c | 1 |
| Limited - minimal loss of function, downtime, an | 2 |
| Moderate - some loss of function, downtime, an | 3 |
| High - major loss of function, downtime, and/or | 4 |

Total Score = Probability x Impact, where:

Probability = (Probability Score x Importance)

Impact = (Affected Area + Primary Impact + Secondary Impacts), where:

Affected Area = Affected Area Score x Importance

Primary Impact = Primary Impact Score x Importance

Secondary Impacts = Secondary Impacts Score x Importance

Hazard Planning Consideration

| <u>Total Score</u> | <u>(Range)</u> | <u>Distribution</u> | <u>Hazard Level</u> |
|--------------------|----------------|---------------------|---------------------|
| 0.0 | 20.0 | 4 | Limited |
| 12.1 | 42.0 | 7 | Moderate |
| 42.1 | 64.0 | 3 | Significant |

The probability of each hazard is determined by assigning a level, from unlikely to highly likely, based on the likelihood of occurrence from historical data. The total impact value includes the affected area, primary impact and secondary impact levels of each hazard. Each level's score is reflected in the matrix. The total score for each hazard is the probability score multiplied by it's importance factor times the sum of the impact level scores multiplied by their importance factors. Based on this total score, the hazards are separated into three categories based on the hazard level they pose to the communities: Significant, Moderate, and Limited.



Hazard Mitigation Planning Team

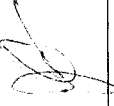





Meeting Agenda

| | | | |
|--------------------|---|------------------|---|
| Subject: | Hazard Mitigation Plan TAC Meeting 2 | Date: | March 22, 2012 |
| | | Time: | 8:30 AM |
| Leader: | Jamie Goldstein City Manager | Location: | City Hall 420 Capitola Avenue, Capitola, CA 95010 |
| Purpose: | Second Meeting to discuss the Capitola Hazard Profiles research prepared to date. | | |
| Attendees: | Refer to Sign-In Sheet | | |
| Primary POC | City of Capitola – Carolyn Flynn, 831-475-7300, cflynn@ci.capitola.ca.us RBF Consulting – Aaron Pfannenstiel, 909-974-4917, ajp@rbf.com | | |

| Item | Description | Lead | Est. Time |
|------|---------------------------------------|-----------------|---------------|
| 1 | Welcome | Jamie Goldstein | 5-10 Minutes |
| 2 | Sea Level Rise Analysis Update | PWA | 15-25 minutes |
| 3 | Review of Hazard Profile Summaries | RBF Team/ All | 20-30 minutes |
| 4 | Review Final Critical Facilities List | RBF Team / All | 10-15 minutes |
| 5 | Overview of Goals and Objectives | RBF Team / All | 5-10 minutes |
| 6 | Action Items / Closing | RBF Team | 5-10 minutes |

SIGN-IN SHEET

City of Capitola Local Hazard Mitigation Plan Technical Advisory Committee
Thursday, March 22, 2012 8:30 - 10:30 am

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|--|---------------------|------------------------------------|--|----------------------|--|---|
| Jamie Goldstein | City of Capitola | City Manager | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | jgoldstein@ci.capitola.ca.us |  |
| Susan Westman  | City of Capitola | Interim Community Dev. Director | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | swestman@ci.capitola.ca.us |  |
| Steve Jesberg | City of Capitola | Public Works Director | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | sjesberg@ci.capitola.ca.us |  |
| Michael Card RUDY ESCALANTE | City of Capitola | Chief of Police | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 4242 | meard@ci.capitola.ca.us RUDY ESCALANTE@CI. CAPITOLA.CA.US |  |
| Tom Held | City of Capitola | Captain | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | theld@ci.capitola.ca.us |  |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|---------------|---|--|---|----------------------------|-------------------------------|-------------------------|
| Larry Laurent | City of Capitola | Information Technology | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | llaurent@ci.capitola.ca.us | LL |
| Carolyn Flynn | City of Capitola | LHMP Coordinator | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | cflynn@ci.capitola.ca.us | CF |
| Dennis Kidd | Santa Cruz Regional 911 | Interim General Manager | 495 Upper Park Road Santa Cruz, CA 95065 | 831-471-1014 | dennis@scr911.org | DK |
| Paul Horvatt | County of Santa Cruz | Emergency Services Manager | 459 Upper Park Raod Santa Cruz, CA 95065 | (831) 458-7109 | OES014@co.santa-cruz.ca.us | |
| Kevin C. Cole | Soquel Creek Water District | Field Crew Supervisor/ Safety | P.O. Box 1550 Capitola, CA 95010 | (831) 475-8501 Ext. 137 | kcole@soquelcreekwater.org | KC |
| Shelley Flock | Soquel Creek Water District | Staff Analyst | P.O. Box 1550 Capitola, CA 95010 | 831) 475-8501 Ext 156 | shelleyf@soquelcreekwater.org | SF |
| Paul Rucker | Soquel Union Elementary School District | Director of Maintenance and Operations | 620 Monterey Avenue Capitola, CA 95010 | (831) 464-5639 | PRucker@suesd.org | PR |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|--------------------------------|--|---------------------------------------|---|----------------------|--|----------------------|
| Jeff Maxwell or Owen Miller | Central Fire Protection District of Santa Cruz County | Chief/ Battalion Chief | 930 17th Avenue Santa Cruz, California 95062 | 831-479-6842 | owenm@centralfpd.com jeffm@centralfpd.com | |
| Tom Evans | National Weather Service Forecast Office, NOAA | Warning Coordination Meteorologist | 21 Grace Hopper Ave., Stop 5 Monterey, CA 93943 | 831-656-1710 X223 | Tom.Evans@noaa.gov <i>Please replace with Mark Stearns - 650-434-1111</i> | <i>TE</i> |
| Patsy H. Gasca | Red Cross | | 2960 Soquel Avenue Santa Cruz, CA 95062 | 831-462-2881 | gascaph@usa.redcross.org | <i>PHG</i> |
| Charles Bockman | California State Parks | Parks Superintendent | 144 School Street Santa Cruz, CA 95060 | (831) 247 3610 | cbockman@parks.ca.gov | <i>CB</i> |
| Don Hill <i>N/A</i> | SC County Public Works & Flood Control & Water Conservation District (Zone 5) | Assistant Director, Public Works | 701 Ocean Street, Rm 410 Santa Cruz, CA 95060 | 454-2160 | dpw054@co.santa-cruz.ca.us | |
| Rachel Lather | Santa Cruz County Sanitation District | Senior Civil Engineer | 701 Ocean Street, Rm 410 Santa Cruz, CA 95060 | 454-2160 | dpw139@co.santa-cruz.ca.us | <i>RL</i> |
| Wendy Abbott Sarsfield | PG&E | Central Coast Government Relations | 356 E. Elisal Street Salinas, CA 93901 | 831-784-3584 | wasc@pge.com | |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|--------------------|---------------------------------|------------------------|--|--|-------------------------------------|-------------------------|
| Patrick Barnard | USGS | Coastal Geologist | 400 Natural Bridges Dr. Santa Cruz, CA 95060 | 831-427-4756 415-328-2087 | pbarnard@usgs.gov | |
| Rachel Fatoochi | County of Santa Cruz | Senior Civil Engineer | 701 Ocean Street Santa Cruz, CA | 831-454-2815 | rachel.fatoochi@co.santa-cruz.ca.us | RFL |
| Dave Revell | Phillips, Williams & Associates | Geomorphologist | 740 Front Street Suite 345B Santa Cruz, CA 95060 | 415-262-2312 | DRevell@esassoc.com | DR |
| Bill Wiseman | RBF Consulting | Project Director | 3180 Imjim Rd. Marina, CA | 831-883-8187 | bwiseman@rbf.com | BW |
| Aaron Pfannenstiel | RBF Consulting | Project Manager | 3300 E. Guasti Road, Suite 100 Ontario, CA 91761 | 909.974.4917 909.374.4828 909.974.4004 | ajp@rbf.com | AP |
| Corinne Bartshire | Dewberry | Deputy Project Manager | 1410 Rocky Ridge Drive, Suite 305 Roseville, CA 95661 | 415.295.7116 805.441.5591 916.380.3750 | cbartshire@dewberry.com | CB |
| Mark Strobin | National Weather Service | Lead Forecaster | 31 Gage Highway St. 95 Marina, CA 93943 | 831-656-1727 | mark.strobin@noaa.gov | MS |



City of Capitola Hazard Mitigation Plan

Technical Advisory Committee Meeting #2

March 22, 2012 | 8:30am
Capitola City Hall Council Chambers



HÄGAR the Horrible

By Dik Browne



Meeting Agenda

- Sea Level Rise Analysis Update
- Present Summary of Capitola Hazard Profiles
- Confirm Updated Critical Facilities List
- Methodology for Risk Assessment
- Discuss Plan Goals and Objectives



City of Capitola Hazard Profiles



Anatomy of a Hazard Profile

- Identification of the Hazard
- Profile of the Hazard
 - Location
 - Extent
- Past Occurrences
- Probability of Future Occurrences
- Climate Change Considerations



Capitola Hazard Profiles

| Hazard Type | Probability | Impact | | | Total Score | Hazard Planning Consideration |
|---|-------------|---------------|----------------|-------------------|-------------|-------------------------------|
| | | Affected Area | Primary Impact | Secondary Impacts | | |
| Coastal Erosion / Bluff Failure | 4 | 1 | 3 | 2 | 31.20 | Moderate |
| Drought | 3 | 4 | 3 | 3 | 40.80 | Moderate |
| Earthquake (and Liquefaction) | 4 | 4 | 4 | 4 | 64.00 | Significant |
| Expansive soils | 1 | 2 | 2 | 2 | 8.00 | Limited |
| Flood (riverine and coastal, including storm surge) | 4 | 4 | 4 | 4 | 64.00 | Significant |
| Hazardous Materials | 2 | 3 | 3 | 3 | 24.00 | Moderate |
| Landslide and Mudflow | 2 | 1 | 2 | 2 | 12.80 | Moderate |
| Tsunami | 2 | 2 | 4 | 4 | 25.60 | Moderate |
| Wildfire | 2 | 2 | 2 | 2 | 16.00 | Moderate |
| Sea Level Rise * | 4 | 1 | 4 | 4 | 44.80 | Significant |
| Windstorm | 3 | 4 | 3 | 2 | 37.80 | Moderate |

* Climate Change Considerations

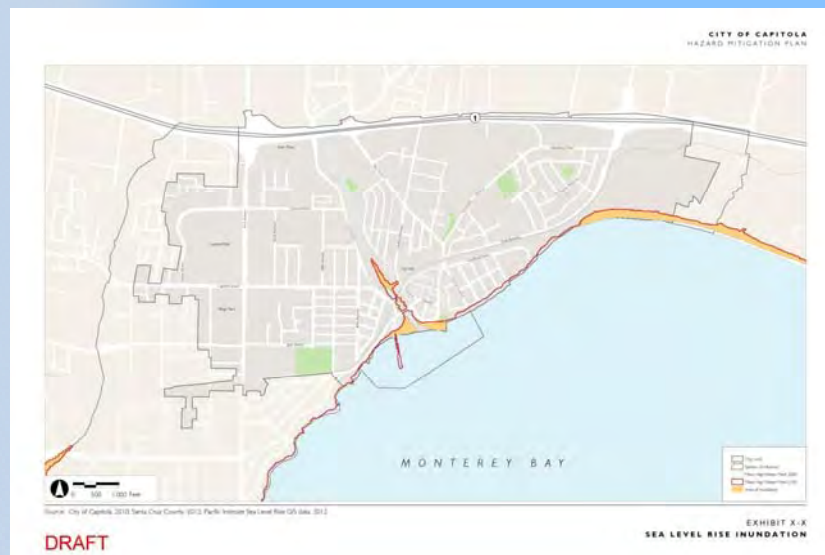


Climate Change Considerations

- Since many of the effects associated with climate change can exacerbate current conditions we discussed Climate Change considerations in applicable hazard profiles
 - Example: Sea level rise potentially affects liquefaction hazards, tsunami hazards, coastal erosion/ bluff failure, and coastal flooding hazards.



Climate Change Considerations

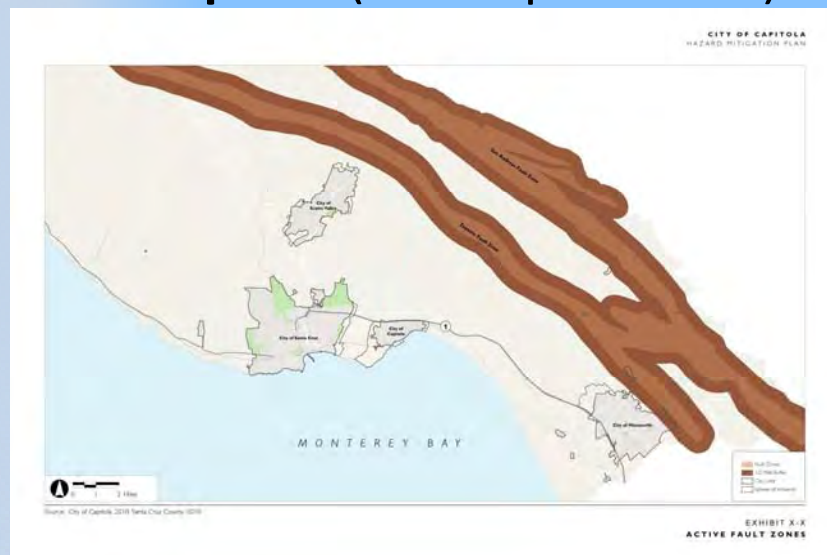


Earthquake (and Liquefaction)

- Location and Extent – Entire City
- Past Occurrences – Most Notable
 - Loma Prieta (10-17-1989, M 7.1)
 - San Francisco (04-18-1906, M 8.3)
- Probability of Future Occurrences
 - Over 30% chance of a $M \geq 6.7$ in next 30 years
- Climate Change Considerations
 - Not applicable



Earthquake (and Liquefaction)

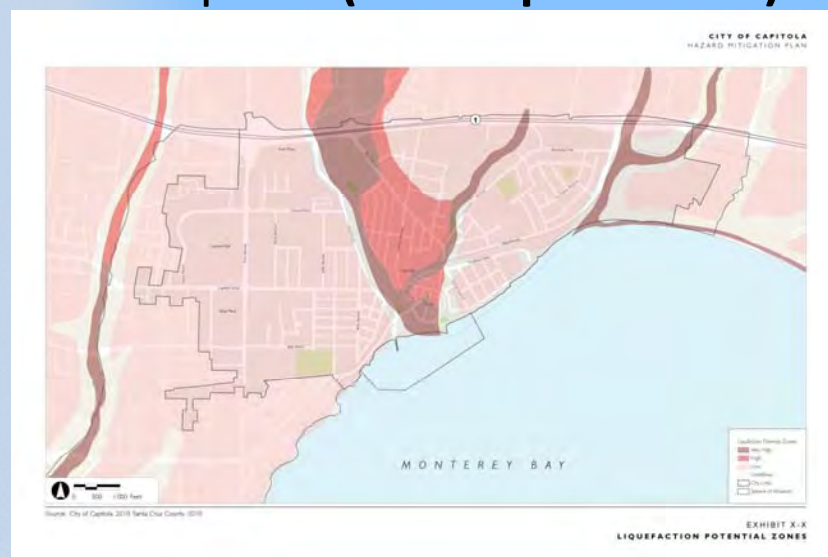


Earthquake (and Liquefaction)

- Location and Extent
 - Portions of the City underlain by loose soils and shallow groundwater (localized in stream course areas).
- Past Occurrences
 - No past occurrences identified to date.
- Probability of Future Occurrences
 - Typically occurs with a large earthquake (see EQ probability).
 - Past occurrences indicate that liquefaction has not been an issue for Capitola, however there is still potential for liquefaction to occur.
- Climate Change Considerations
 - Increased sea level elevations could increase subsurface water levels, expanding saturation zone and potentially liquefiable areas within the City.



Earthquake (and Liquefaction)

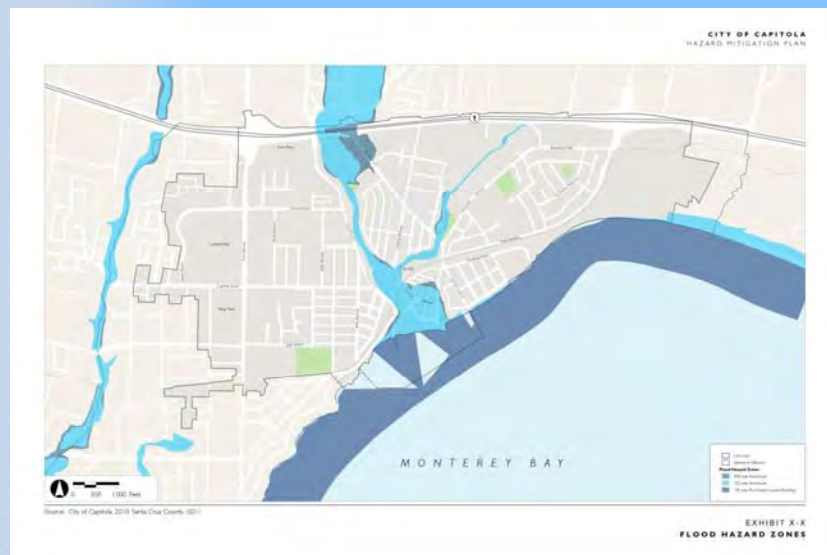


Coastal Storm/ Flooding

- Location and Extent
 - Areas of potential flooding associated with low lying coastal areas and drainages identified on FEMA Flood Insurance Rate Maps.
- Past Occurrences – Most Notable
 - March 2011 flooding incident (resulting from infrastructure failure).
 - Flooding typically occurs as a result of coastal storms/ storm surge, which can affect the Soquel Creek drainage.
- Probability of Future Occurrences
 - Large storms occur within the Monterey Bay every 3 to 4 years.
- Climate Change Considerations
 - Sea level rise is anticipated to exacerbate flooding conditions within Capitola. The result would be greater portions of the City located within a FEMA flood zone.



Coastal Storm/ Flooding



Drought and Water Resources

- Location and Extent
 - Entire City with particular emphasis on the western portion served by SCWD.
- Past Occurrences
 - Three statewide droughts: 1976-77, 1987-1992, 2007-09.
- Probability of Future Occurrences
 - Function of the probability that a drought will occur and/or the chance that a shortage of water could occur over a longer time frame.
- Climate Change Considerations
 - Future climatic conditions could reduce surface water supplies, increasing risk to groundwater resources.



Drought and Water Resources

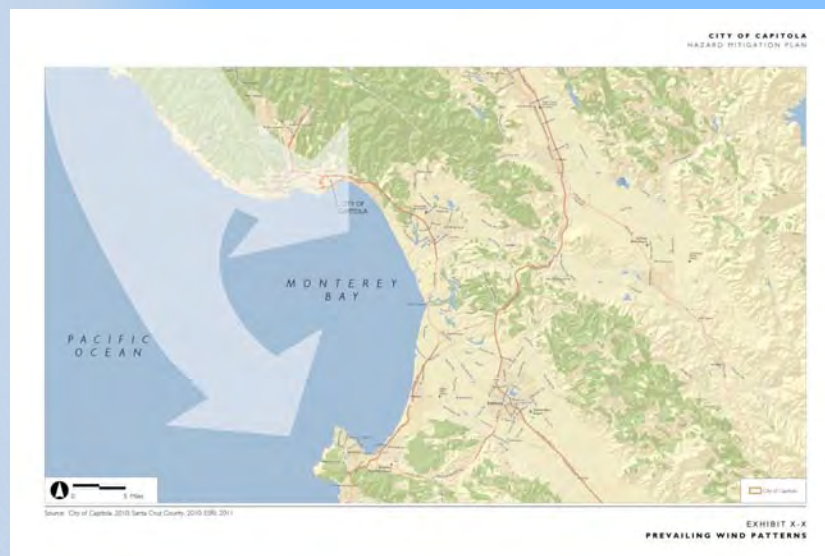


Windstorm

- Location and Extent
 - Citywide/ Countywide hazard
- Past Occurrences (Tornado, High Winds, Strong Winds)
 - 23 recorded events occurred in Santa Cruz County between (1998 and 2011)
 - Damage ranged from \$0 to \$7.1 million
- Probability of Future Occurrences
 - Future occurrences are expected
 - 23 events in 14 years equals 1.6 events per year (avg.)
- Climate Change Considerations
 - Increased storm intensity and duration
 - Changes in location of storm development



Windstorm

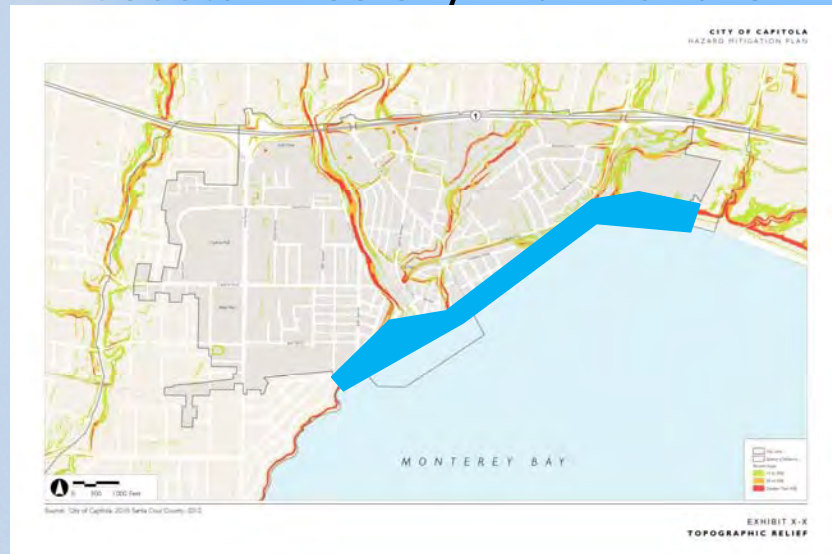


Coastal Erosion/ Bluff Failure

- Location and Extent
 - Capitola Beach, Capitola Cliffs (Cliff Drive and Depot Hill)
- Past Occurrences
 - Erosion and bluff failure have occurred within Capitola at a fairly constant rate over the years.
- Probability of Future Occurrences
 - Bluff erosion is occurring on an average of 0.9 feet per year, which could affect structures/ improvements in the next 15 years.
- Climate Change Considerations
 - It is anticipated that sea level rise would exacerbate erosion rates and affect greater areas along the Capitola shoreline.



Coastal Erosion/ Bluff Failure

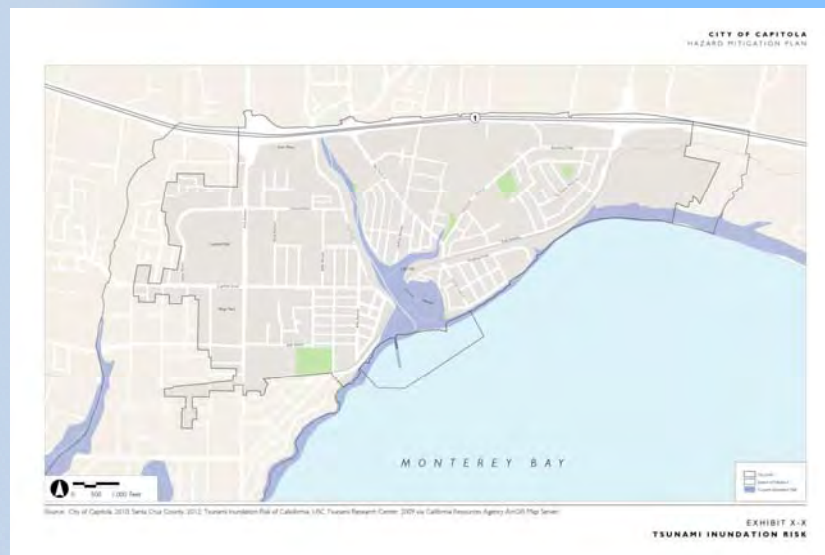


Tsunami

- Location and Extent
 - Inundation mapped along low lying coastal areas and Soquel Creek drainage (ocean to Hwy 1)
- Past Occurrences
 - 42 events in Northern California between 1930-2011 (approximately 1 event every two years on average)
 - Wave heights ranged from 0.02 meters to 3.5 meters (1946, Santa Cruz)
- Probability of Future Occurrences
 - Current modeling projects Tsunami flow depths as high as 30 feet above MSL for Capitola.
- Climate Change Considerations
 - Sea level rise could increase the tsunami inundation area within the City potentially affecting additional properties.



Tsunami

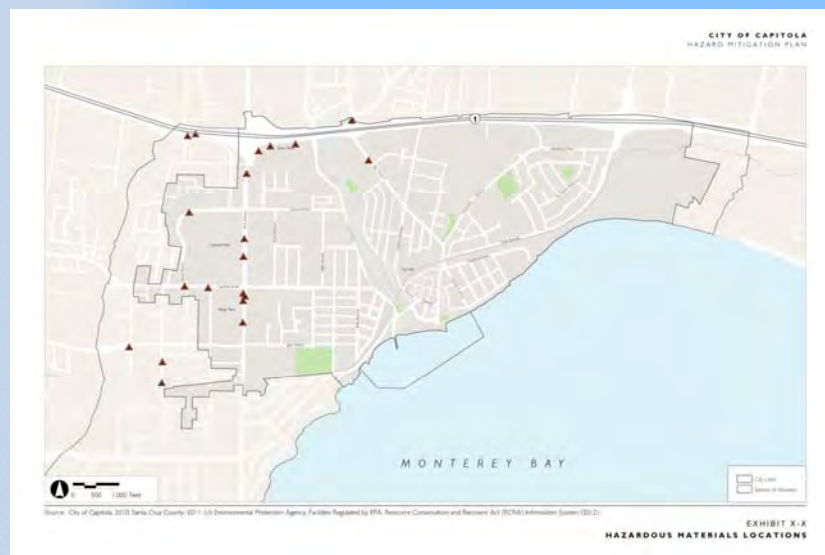


Hazardous Materials

- Location and Extent
 - A majority of the properties within the City containing hazardous materials are located along 41st Avenue.
- Past Occurrences
 - 14 reported spills occurred between February 2006 and January 2012.
- Probability of Future Occurrences
 - On average approximately two spills occur in Capitola every year.
 - Infrastructure age could increase risk
 - New regulations and technologies can reduce risk
- Climate Change Considerations
 - Greater opportunity for release of hazardous materials due to climate change (i.e. higher temperatures, greater storm intensity)



Hazardous Materials



Wildfire

- Location and Extent
 - No wildfire hazard areas located within the City.
 - Areas of potential concern within Capitola include natural drainages with a significant amount of vegetation.
- Past Occurrences
 - No past occurrences identified.
- Probability of Future Occurrences
 - Urban/ Wildland Interface issues are of great concern, especially in the natural areas within the City.
- Climate Change Considerations
 - Anticipated changes in precipitation regimes may increase fuel loads, which could increase wildfire risks given the right conditions.



Wildfire

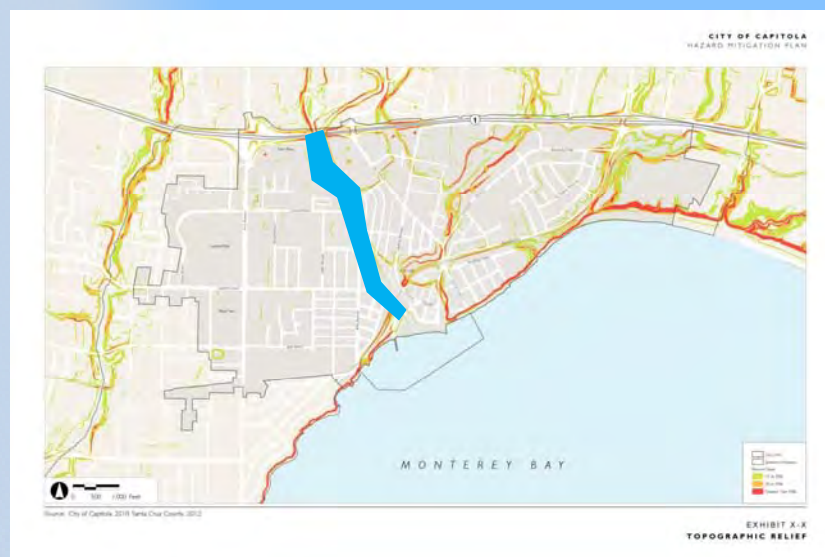


Landslide and Mudflow

- Location and Extent
 - Areas of steep topography have greater risk of landslides and mudflows.
- Past Occurrences
 - Five major events within Santa Cruz County between 2005 and 2011.
- Probability of Future Occurrences
 - Future landslides/ mudslides are dependant on steepness of topography, precipitation, loss of vegetation, and man-made conditions that exacerbate these hazards.
- Climate Change Considerations
 - Anticipated changes in precipitation regimes due to climate change could increase landslide and mudflow risks. In addition, loss of vegetation due to wildfire (associated with climate change) could increase risk as well.



Landslide and Mudflow

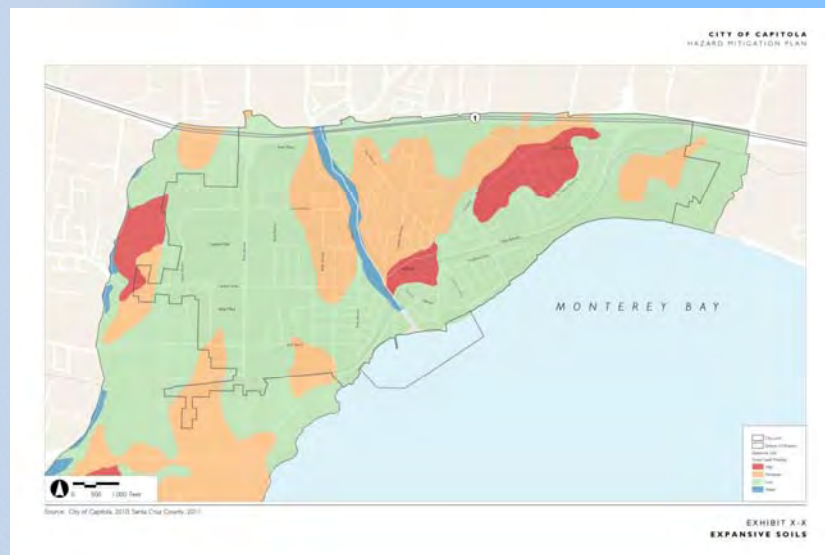


Expansive Soils

- Location and Extent
 - Isolated areas of the City are underlain by expansive soils.
- Past Occurrences
 - Past occurrences were not identified by the City.
- Probability of Future Occurrences
 - Future occurrences are not anticipated.
- Climate Change Considerations
 - Not applicable.



Expansive Soils



City of Capitola Critical Facilities



Critical Facilities List

1. City Hall/Police Station/ Emergency Operations Center
2. Central Fire Station #4
3. Jade Street Park -- Emergency Shelter
4. New Brighton School and Gym -- Emergency Shelter
5. Capitola Library -- Backup Emergency Operations Center
6. Capitola Corporation Yard
7. Stockton Avenue Bridge
8. Capitola Wharf
9. Capitola Beach Sea Wall
10. New Brighton State Park -- staging area for emergency response
11. Cliff Drive -- at risk arterial (sea wall and road)
12. Park Avenue -- at risk arterial (sea wall and road)
13. Police Communications Antenna -- Capitola Mall
14. Police Communications Antenna -- AAA Building
15. Noble Gulch Storm Pipe/ Sewer Trunk Line
16. 38th Avenue Drainage Facility
17. Capitola Pump Station-Esplanade Park
18. Soquel Pump Station
19. Lawn Way Storm Drain Pump Station
20. Soquel Creek Water District Treatment Plant, Garnet Street
21. Soquel Creek Water District Treatment Plant, Monterey Avenue
22. Soquel Creek Water District MacGregor Booster Pumping Station



Critical Facilities List



Methodology for Risk Assessment

Santa Barbara County
2011 Multi-Jurisdictional Hazard Mitigation Plan

Table 6.19 Critical Facilities with Most Exposure to Identified Hazards

| Map ID | Critical Facility | FEMA Flood Zone | Flood Overlay Zone | Fire Severity Zone | WUI Zone | Fire Threat | Dam Inundation Zone | Tsunami Inundation Area | Landslide Incidence | Groundwater/Liquefaction Severity | Risk Rank |
|--------|---|-----------------|--------------------|--------------------|----------|-------------|---------------------|-------------------------|---------------------|-----------------------------------|-----------|
| 78 | GOLETA PIER | | | | | | | | | | 1 |
| 59 | FIRE STATION #24 | | | | | | | | | | 2 |
| 26 | FIRE STATION #31 | | | | | | | | | | 3 |
| 122 | BUELLTON SHERIFF'S OFFICE | | | | | | | | | | 4 |
| 69 | FIRE STATION #24 DUPLEX | | | | | | | | | | 5 |
| 77 | BUELLTON SENIOR CNTR | | | | | | | | | | 6 |
| 123 | FIRE DEPT OPERATIONS OFFICE | | | | | | | | | | 7 |
| 227 | COMMUNITY HEALTH CENTERS OF THE CENTRAL COAST- SANTA MARIA II | | | | | | | | | | 8 |
| 243 | SANSUM CLINIC-LOMPOC | | | | | | | | | | 9 |
| 243 | STORAGE BUILDING #2 | | | | | | | | | | 10 |

Within each hazard area:

- Population
- Land area
- Critical Facilities
- Potential damage / loss estimations

City of Capitola Goals for Hazard Mitigation Planning



Goals and Policies

- Avoid or reduce the potential for loss of life, injury and economic damage to Capitola residents from earthquakes, floods, drought, tsunami, coastal erosion/ bluff failure, and other geological hazards.
- Increase the ability of the City government to serve the community during and after hazard events.
- Protect Capitola's unique character, scenic beauty and values from being compromised by hazard events.
- Encourage mitigation activities to increase the disaster resilience of institutions, private companies and systems essential to a functioning Capitola.



Getting the Word Out!

- Current Outreach Efforts
 - Spring 2012 Capitola Currents Newsletter
<http://www.surveymonkey.com/s/CapitolaHMP>
 - Press release sent out to News outlets
- Future Outreach Efforts
 - Upcoming GPAC meeting (June 20th, 2012)
 - Next TAC Meeting (June 20th, 2012?)
 - Draft LHMP will be made available for public review prior to submittal to FEMA.



Questions/ Comments

- Additional thoughts, data, information, and suggestions can be provided to:
 - Carolyn Flynn – Capitola LHMP Coordinator
cflynn@ci.capitola.ca.us
 - Aaron Pfannenstiel – LHMP Project Manager
ajp@rbf.com



**City of Capitola, CA
Hazard Mitigation Plan Development
TAC Meeting 2**

Meeting Record

**Date: March 22, 2012
8:30 am Pacific Time**

Attendees:

See Attendance List

Meeting Outcomes:

- Next TAC Meeting: June 28, 2012
- Soquel Creek Water District to provide specific comments on the Drought Hazard profile.
- City staff to provide specific comments on Plan document prepared to date.
- Provided TAC members with an overview of upcoming plan process, which will be reviewed in detail at next TAC meeting in June.
- Requested TAC members to disseminate information regarding the LHMP process and online survey currently available.

Discussion Notes:

Sea Level Rise Analysis Discussion

Dave Revell from ESA/ PWA provided an overview of the sea level rise analysis that is currently being prepared for the Monterey Bay region, which includes the City of Capitola. This analysis will provide more detailed information regarding the potential sea level rise impacts that could affect the Capitola coastline and output from the analysis will be at a more detailed scale allowing the City to better plan and prepare for potential impacts associated with Sea Level Rise. This analysis will also provide additional information on runup/ overtopping impacts associated with seawalls and other coastal flood defenses.

Hazard Profiles Discussion

The City's consultant provided an overview of the various hazards profiled within the LHMP document, which include:

- | | |
|----------------------------------|-----------------------|
| • Earthquake (and Liquefaction) | • Tsunami |
| • Coastal Storm/ Flooding | • Hazardous Materials |
| • Drought | • Wildfire |
| • Windstorm | • Landslide/ Mudflow |
| • Coastal Erosion/ Bluff Failure | • Expansive Soils |

Although Sea Level Rise was previously identified as a potential hazard, the City decided to address this hazard under a Climate Change Considerations discussion for each hazard profile,

which would allow them to capture not only sea level rise concerns but other concerns that are associated with climate change in the future.

Discussion from TAC members included the following:

Flooding – ensure that climate change discussion references the intensification of fluvial storms in addition to coastal storms.

Drought – reflect water contingency planning concerns and issues that Soquel Creek Water District is dealing with based on current and project future drought conditions.

Wind – most damage is not associated with wind but tree falls that occur during windy conditions.

Coastal Erosion/ Bluff Failure – focus on size of actual past failures instead of relying on average erosion rates.

Critical Facilities Discussion

The final critical facilities list was provided to TAC members, which was refined based on prior input from TAC Meeting #1 and City LHMP Team discussions. The County Public Works department indicated that the Noble Creek Sewer Line can be removed as they have already relocated the facility.

TAC Members also asked questions about potentially mapping subsurface infrastructure, which could be completed by the City depending on available information.

Risk Assessment Methodology

Provided TAC members with an overview of the Risk Assessment methodology that will be used to determine potentially vulnerable critical facilities within the City. The methodology used will involve the intersection of the limits of the hazards profiled with the critical facilities identified by the City. To convey this information comprehensively the City/ Consultant are proposing to develop a summary table that delineates the various hazards each facility is susceptible to.

Discussion regarding this methodology also focused on the concern over aging infrastructure and the potential for future failure as a result of poor upkeep or age of affected facilities.

Goals and Policies

Provided the TAC members with the Goals and Policies established for the LHMP document. The goals and policies identified are structured in similar fashion to the County of Santa Cruz goals and policies



Hazard Mitigation Planning Team

Meeting Agenda

| | | | |
|--------------------|---|------------------|---|
| Subject: | Hazard Mitigation Plan TAC Meeting 3 | Date: | June 28, 2012 |
| | | Time: | 8:30 AM |
| Leader: | Jamie Goldstein City Manager | Location: | City Hall 420 Capitola Avenue, Capitola, CA 95010 |
| Purpose: | Third milestone meeting to discuss Capitola hazard mitigation actions and review the Admin Draft LHMP. | | |
| Attendees: | Refer to Sign-In Sheet | | |
| Primary POC | City of Capitola – Carolyn Flynn, 831-475-7300, cflynn@ci.capitola.ca.us RBF Consulting – Aaron Pfannenstiel, 909-974-4917, ajp@rbf.com | | |

| Item | Description | Lead | Est. Time |
|------|--|-----------------|------------|
| 1. | Welcome and Introductions | Jamie Goldstein | 5 Minutes |
| 2. | Status Update / Meeting Purpose <ul style="list-style-type: none">• Comments on Final Risk Assessment• Public Survey Results | RBF Team | 10 minutes |
| 3. | Review draft hazard mitigation actions / Identify additional actions | RBF Team / All | 30 minutes |
| 4. | Prioritize Mitigation Actions | RBF Team / All | 15 minutes |
| 5. | Discuss public review process | RBF Team / All | 10 minutes |
| 6. | Discuss plan maintenance | RBF Team / All | 10 minutes |
| 7. | Action Items / Closing | RBF Team | 10 minutes |

SIGN-IN SHEET

City of Capitola Local Hazard Mitigation Plan Technical Advisory Committee
Thursday, June 28, 2012 8:30 - 10:30 am

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|-----------------|---------------------|------------------------------------|--|-------------------|------------------------------|-------------------------|
| Jamie Goldstein | City of Capitola | City Manager | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | jgoldstein@ci.capitola.ca.us | |
| Susan Westman | City of Capitola | Interim Community Dev. Director | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | swestman@ci.capitola.ca.us | SW |
| Steve Jesberg | City of Capitola | Public Works Director | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | sjesberg@ci.capitola.ca.us | SJ |
| Rudy Escalante | City of Capitola | Chief of Police | 422 Capitola Avenue, Capitola, CA 95010 | 831-475-4242 | rescalante@ci.capitola.ca.us | RE |
| Tom Held | City of Capitola | Captain | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | theld@ci.capitola.ca.us | TH |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|---------------|---|--|---|----------------------------|-------------------------------|-------------------------|
| Larry Laurent | City of Capitola | Information Technology | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | llaurent@ci.capitola.ca.us | |
| Carolyn Flynn | City of Capitola | LHMP Coordinator | 420 Capitola Avenue, Capitola, CA 95010 | 831-475-7300 | cflynn@ci.capitola.ca.us | CF |
| Dennis Kidd | Santa Cruz Regional 911 | Interim General Manager | 495 Upper Park Road Santa Cruz, CA 95065 | 831-471-1014 | dennis@scr911.org | DK |
| Paul Horvatt | County of Santa Cruz | Emergency Services Manager | 459 Upper Park Road Santa Cruz, CA 95065 | (831) 458-7109 | OES014@co.santa-cruz.ca.us | |
| Kevin C. Cole | Soquel Creek Water District | Field Crew Supervisor/ Safety | P.O. Box 1550 Capitola, CA 95010 | (831) 475-8501 Ext. 137 | kcole@soquelcreekwater.org | |
| Shelley Flock | Soquel Creek Water District | Staff Analyst | P.O. Box 1550 Capitola, CA 95010 | 831) 475-8501 Ext 156 | shelleyf@soquelcreekwater.org | SF |
| Paul Rucker | Soquel Union Elementary School District | Director of Maintenance and Operations | 620 Monterey Avenue Capitola, CA 95010 | (831) 464-5639 | PRucker@suesd.org | PR |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|---|--|---|---|-------------------|---|-------------------------|
| Jeff Maxwell or Owen Miller or John Walbridge | Central Fire Protection District of Santa Cruz County | Chief/ Battalion Chief | 930 17th Avenue Santa Cruz, California 95062 | 831-479-6842 | owenm@centralfpd.com jeffm@centralfpd.com JohnW@centralfpd.com | |
| Mark Strobino or Christine Riley <i>Logan Johnson</i> | National Weather Service Forecast Office, NOAA | Lead Forecaster <i>Warning Coord. Met.</i> | 21 Grace Hopper Ave., Stop 5 Monterey, CA 93943 | 831-656-1727 | mark.strobino@noaa.gov christine.riley@noaa.gov <i>logan.johnson@noaa.gov</i> | <i>CR</i> <i>LS</i> |
| Patsy H. Gasca | Red Cross | | 2960 Soquel Avenue Santa Cruz, CA 95062 | 831-462-2881 | gascaph@usa.redcross.org | <i>PS.</i> |
| Charles Bockman | California State Parks | Parks Superintendent | 144 School Street Santa Cruz, CA 95060 | (831) 247 3610 | | |
| Don Hill | SC County Public Works & Flood Control & Water Conservation District (Zone 5) | Assistant Director, Public Works | 701 Ocean Street, Rm 410 Santa Cruz, CA 95060 | 454-2160 | dpw054@co.santa-cruz.ca.us | |
| Rachel Lather | Santa Cruz County Sanitation District | Senior Civil Engineer | 701 Ocean Street, Rm 410 Santa Cruz, CA 95060 | 454-2160 | dpw139@co.santa-cruz.ca.us | <i>RL</i> |
| Wendy Abbott Sarsfield | PG&E | Central Coast Government Relations | 356 E. Elisal Street Salinas, CA 93901 | 831-784-3584 | wasc@pge.com | |

| Name | Organization/ Dept. | Title | Mail address | Desk / Cell / Fax | Email address | Attendance (Initial) |
|--------------------|---------------------------------|------------------------|--|--|------------------------------------|-------------------------|
| Patrick Barnard | USGS | Coastal Geologist | 400 Natural Bridges Dr. Santa Cruz, CA 95060 | 831-427-4756 415-328-2087 | pbarnard@usgs.gov | |
| Rachel Fatoohi | County of Santa Cruz | Senior Civil Engineer | 701 Ocean Street Santa Cruz, CA | 831-454-2815 | Rachel.fatoohi@co.santa-cruz.ca.us | RFT |
| Dave Revell | Phillips, Williams & Associates | Geomorphologist | 740 Front Street Suite 345B Santa Cruz, CA 95060 | 415-262-2312 | DRevell@esassoc.com | |
| Bill Wiseman | RBF Consulting | Project Director | 3180 Injilm Rd. Marina, CA | 831-883-8187 | bwiseman@rbf.com | |
| Aaron Pfannenstiel | RBF Consulting | Project Manager | 3300 E. Guasti Road, Suite 100 Ontario, CA 91761 | 909.974.4917 909.374.4828 909.974.4004 | ajp@rbf.com | ASP |
| Corinne Bartshire | Dewberry | Deputy Project Manager | 1410 Rocky Ridge Drive, Suite 305 Roseville, CA 95661 | 415.295.7116 805.441.5591 916.380.3750 | cbartshire@dewberry.com | CMB |
| Emily Lipoma | working w/ Watsonville | Observer | | 831-706-1213 | emilylipoma@gmail.com | EL |



City of Capitola Hazard Mitigation Plan

Technical Advisory Committee Meeting #3

June 28, 2012 | 8:30am
Capitola City Hall Council Chambers



Meeting Agenda

- Status Update/ Meeting Purpose
 - Comments on Final Risk Assessment
 - Public Survey Results
- Review Draft Hazard Mitigation Actions
- Prioritize Mitigation Actions
- Public Review Process
- Plan Maintenance
- Next Steps



Status Update (Risk Assessment)

City of Capitola Critical Facilities Risk Assessment

| Facility | Beach Erosion | Cliff Erosion | Faults | Fire Hazard Zones | Flood 100 yr | Hazardous Materials Intersect | Within 500' | Within 1200' |
|--|---------------|---------------|--------|-------------------|--------------|-------------------------------|-------------|--------------|
| 1 City Hall/Emergency Operations Center | N | N | N | N | N | N | N | N |
| 1 Capitola Police Station | N | N | N | N | N | N | N | N |
| 2 Central Fire Station #4 | N | N | N | N | N | N | N | N |
| 3 Jade Street Community Center – Emergency Shelter | N | N | N | N | N | N | N | N |
| 4 New Brighton Gym – Emergency Shelter | N | N | N | N | N | N | N | N |
| 4 New Brighton School – Backup Emergency Shelter | N | N | N | N | N | N | N | N |
| 5 Capitola Library – Backup Emergency Operations Center | N | N | N | N | N | N | N | N |
| 6 Capitola Corporation Yard | N | N | N | N | N | N | N | N |
| 7 Stockton Avenue Bridge | N | N | N | N | N | N | N | N |
| 8 Capitola Wharf | N | N | N | N | N | N | N | N |
| 9 Capitola Beach Sea Wall | N | N | N | N | N | N | N | N |
| 10 New Brighton State Park – staging area for emergency response | N | N | N | N | N | N | N | N |
| 11 Cliff Drive – at risk arterial (sea wall and road) | N | N | N | N | N | N | N | N |
| 12 Park Avenue – at risk arterial (sea wall and road) | N | N | N | N | N | N | N | N |
| 13 Police Communications Antenna-Capitola Mall | N | N | N | N | N | N | N | N |
| 14 Police Communications Antenna-AAA Building | N | N | N | N | N | N | N | N |
| 15 Noble Gulch Storm Pipe | N | N | N | N | N | N | N | N |
| 16 38th Avenue Drainage Facility | N | N | N | N | N | N | N | N |
| 17 Capitola Pump Station-Explanade Park | N | N | N | N | N | N | N | N |
| 18 Soquel Pump Station | N | N | N | N | N | N | N | N |
| 19 Lauen Way Storm Drain Pump Station | N | N | N | N | N | N | N | N |
| 20 Soquel Creek Water District Treatment Plant, Garnet Street | N | N | N | N | N | N | N | N |
| 21 Soquel Creek Water District Treatment Plant, Monterey Avenue | N | N | N | N | N | N | N | N |
| 22 Soquel Creek Water District MacGregor Booster Pumping Station | N | N | N | N | N | N | N | N |
| 23 Capitola Beach Flume | N | N | N | N | N | N | N | N |
| 24 Capitola Beach Jetty | N | N | N | N | N | N | N | N |
| 25 Grand Avenue Cliffs | N | N | N | N | N | N | N | N |

Y Yes
 N No
 NI Not Intersected



Status Update (Risk Assessment)

City of Capitola Critical Facilities Risk Assessment

| Facility | Liquefaction Potential | | | | | Tepco (Slope) | | | |
|--|------------------------|----------|---------|-----------------|-----------|---------------|------------|----------|----------|
| | Very High (H) | High (H) | Low (L) | Undisturbed (L) | Q 15% (L) | 15-30% (L) | 30-50% (L) | >50% (L) | >50% (L) |
| 1 City Hall/Emergency Operations Center | N | N | N | N | N | N | N | N | N |
| 1 Capitola Police Station | N | N | N | N | N | N | N | N | N |
| 2 Central Fire Station #4 | N | N | N | N | N | N | N | N | N |
| 3 Jade Street Community Center – Emergency Shelter | N | N | N | N | N | N | N | N | N |
| 4 New Brighton Gym – Emergency Shelter | N | N | N | N | N | N | N | N | N |
| 4 New Brighton School – Backup Emergency Shelter | N | N | N | N | N | N | N | N | N |
| 5 Capitola Library – Backup Emergency Operations Center | N | N | N | N | N | N | N | N | N |
| 6 Capitola Corporation Yard | N | N | N | N | N | N | N | N | N |
| 7 Stockton Avenue Bridge | N | N | N | N | N | N | N | N | N |
| 8 Capitola Wharf | N | N | N | N | N | N | N | N | N |
| 9 Capitola Beach Sea Wall | N | N | N | N | N | N | N | N | N |
| 10 New Brighton State Park – staging area for emergency response | N | N | N | N | N | N | N | N | N |
| 11 Cliff Drive – at risk arterial (sea wall and road) | N | N | N | N | N | N | N | N | N |
| 12 Park Avenue – at risk arterial (sea wall and road) | N | N | N | N | N | N | N | N | N |
| 13 Police Communications Antenna-Capitola Mall | N | N | N | N | N | N | N | N | N |
| 14 Police Communications Antenna-AAA Building | N | N | N | N | N | N | N | N | N |
| 15 Noble Gulch Storm Pipe | N | N | N | N | N | N | N | N | N |
| 16 38th Avenue Drainage Facility | N | N | N | N | N | N | N | N | N |
| 17 Capitola Pump Station-Explanade Park | N | N | N | N | N | N | N | N | N |
| 18 Soquel Pump Station | N | N | N | N | N | N | N | N | N |
| 19 Lauen Way Storm Drain Pump Station | N | N | N | N | N | N | N | N | N |
| 20 Soquel Creek Water District Treatment Plant, Garnet Street | N | N | N | N | N | N | N | N | N |
| 21 Soquel Creek Water District Treatment Plant, Monterey Avenue | N | N | N | N | N | N | N | N | N |
| 22 Soquel Creek Water District MacGregor Booster Pumping Station | N | N | N | N | N | N | N | N | N |
| 23 Capitola Beach Flume | N | N | N | N | N | N | N | N | N |
| 24 Capitola Beach Jetty | N | N | N | N | N | N | N | N | N |
| 25 Grand Avenue Cliffs | N | N | N | N | N | N | N | N | N |

Y Yes
 N No
 NI Not Intersected



Status Update (Risk Assessment)

City of Capitola Critical Facilities Risk Assessment

| Facility | Tsunami ¹ | Winds ^{2*} | Notes |
|---|----------------------|---------------------|---|
| 1. City Hall/Emergency Operations Center | Y | N/A | Steep hillside on southern portion of site |
| 2. Capitola Police Station | Y | N/A | Steep hillside on southern portion of site |
| 3. Central Fire Station #4 | Y | N/A | Steep slope across Capitola Road |
| 4. Jada Street Community Center – Emergency Shelter | N | N/A | |
| 5. New Brighton Gym – Emergency Shelter | N | N/A | |
| 6. New Brighton School – Back-up Emergency Shelter | Y | N/A | |
| 7. Capitola Library – Back-up Emergency Operations Center | N | N/A | Wharf Road in vicinity of library located adjacent to steep slope hillside area |
| 8. Capitola Corporation Yard | N | N/A | Creek to the east has steep slopes, no risk |
| 9. Stockton Avenue Bridge | Y | N/A | Channel underneath bridge has steep slopes |
| 10. Capitola Wharf | Y | N/A | |
| 11. Capitola Beach Sea Wall | Y | N/A | |
| 12. New Brighton State Park – staging area for emergency response | Y | N/A | |
| 13. Cliff Drive – at risk arterial (sea wall and road) | Y | N/A | |
| 14. Park Avenue – at risk arterial (sea wall and road) | Y | N/A | |
| 15. Police Communications Antenna-Capitola Mall | N | N/A | |
| 16. Police Communications Antenna-ADA Building | N | N/A | |
| 17. Nottola Gosh Yarns Page | Y | N/A | |
| 18. 36th Avenue Drainage Facility | Y | N/A | |
| 19. Capitola Pump Station-Explanade Park | Y | N/A | |
| 20. Soquel Pump Station | Y | N/A | |
| 21. Lower Way Storm Drain Pump Station | Y | N/A | |
| 22. Soquel Creek Water District Treatment Plant, Garret Street | Y | N/A | |
| 23. Soquel Creek Water District Treatment Plant, Monterey Avenue | N | N/A | Creek channel east of facility has steep slopes |
| 24. Soquel Creek Water District McGuire Booster Pumping Station | N | N/A | |
| 25. Capitola Beach Flume | Y | N/A | |
| 26. Capitola Beach Jetty | Y | N/A | |
| 27. Grand Avenue Cliffs | Y | N/A | |

Y Yes
 N No
 - Not intersected

* If west of coastline, assume yes for Tsunami inundation Risk.
 ** A wind hazards layer was not available at this scale to determine vulnerability of critical facilities



Status Update (Survey Results)

Survey released: March
2012
21 Respondents

| Neighborhoods Surveyed | | |
|-------------------------|-----------|----------|
| Neighborhood | Residence | Business |
| West Capitola | 13.30% | 0% |
| Jewel Box | 20% | 0% |
| Upper and Lower Village | 33.40% | 40% |
| East Capitola | 13.30% | 20% |
| Depot Hill | 0% | 0% |
| Does Not Apply | 20% | 40% |

| Capitola Hazards of Most Concern | |
|----------------------------------|---------------------|
| Hazard Event | Number of Responses |
| Coastal Storm/Flooding | 18 |
| Earthquake | 16 |
| Coastal Erosion/Bluff Failure | 9 |
| Tsunami | 4 |
| Other * | 3 |
| Windstorm | 2 |
| Drought | 1 |
| Landslide and Mudflow | 1 |
| Hazardous Materials Spill | 1 |
| Expansive Soils | 0 |
| Wildfire | 0 |

*The responses to "Other" include: Dead trees along the railroad right of way and within some home property lines, failure to maintain infrastructure, and storm runoff.

| Most Important Disaster Preparedness Actions | |
|---|-----------|
| Ways the City can help residents and businesses be more prepared | Responses |
| Provide training and education to residents and business owners on how they can reduce future damage | 11 |
| Strengthen the City's infrastructure | 10 |
| Disseminate effective emergency notifications and communication | 9 |
| Improve built facilities (such as fire/police stations) to be more resilient to natural hazards | 8 |
| Community outreach regarding emergency preparedness | 8 |
| Provide training and materials on how residents can be prepared for the identified risks | 8 |
| Make a plan to use volunteer residents to help in a disaster | 7 |
| Enforce/update building codes | 7 |
| Being aware of special needs and vulnerable populations | 6 |
| Perform outreach to ensure people are aware of their environment and the inherent risks | 6 |
| Other* | 4 |
| I have no opinion | 1 |
| No improvements needed | 0 |
| *The responses to "Other" include: Move fire/police uphill and out of floodplain, Replace the Stockton Avenue Bridge so it does not clog up during storms, Reach out to second home owners in the Jewell Box area so they can be better prepared. | |

Mitigation Actions

Hazard mitigation is ***"any action taken to reduce or eliminate the long-term risk to human life and property from natural hazards"***.

Mitigation Actions are ***"activities that support a community's mitigation goal and reduce or eliminate the potential threat to natural or man-made hazards"***.

Prioritizing Mitigation Actions

Instructions:

1. Review the STAPLE/ E Criteria as a group (see Agenda Packet)
2. Review the proposed Capitola Mitigation Actions (Oversized Prints/ Handout)
3. Vote for your priorities! (Dot Prioritization Exercise)



Public Review Process

| | |
|----------------------------------|---------------------------------|
| Receipt of Comments from TAC: | 7/6/2012 |
| 30 Day Draft LHMP Review Period: | 7/20/2012 – 8/20/2012 |
| General Plan Advisory Committee: | 8/8/2012 |
| Public Hearings: | August 2012 – September 2012 |
| Plan Approval (FEMA/ Cal EMA): | October 2012 – November 2012 |



Plan Maintenance

- **Coordinating Body/ Convener:** Capitola Community Development Department will be responsible for coordination and maintenance of the LHMP review and revision process
- **Evaluation:** Annually review the plan and mitigation progress by the Local Hazard Mitigation Planning Team



Plan Maintenance

The Annual review should focus on:

- Hazard events during the prior year that have impacted the community
- Successful mitigation initiatives
- Discussion of targeted mitigation not completed
- Re-evaluation of mitigation actions
- Recommendations for new actions
- New potential funding sources
- Integration of new data and/or maps into the Plan
- Evaluation of other programs/ initiatives that involve hazard mitigation.



Questions/ Comments

- Additional thoughts, data, information, and suggestions can be provided to:
 - Carolyn Flynn – Capitola LHMP Coordinator
cflynn@ci.capitola.ca.us
 - Aaron Pfannenstiel – LHMP Project Manager
ajp@rbf.com



STAPLE/E Review and Selection Criteria

| |
|---|
| Social |
| <ul style="list-style-type: none"> • Is the proposed action socially acceptable to the jurisdiction and surrounding community? • Are there equity issues involved that would mean that one segment of the jurisdiction and/or community is treated unfairly? • Will the action cause social disruption? |
| Technical |
| <ul style="list-style-type: none"> • Will the proposed action work? • Will it create more problems than it solves? • Does it solve a problem or only a symptom? • Is it the most useful action in light of other jurisdiction goals? |
| Administrative |
| <ul style="list-style-type: none"> • Can the jurisdiction implement the action? • Is there someone to coordinate and lead the effort? • Is there sufficient funding, staff, and technical support available? • Are there ongoing administrative requirements that need to be met? |
| Political |
| <ul style="list-style-type: none"> • Is the action politically acceptable? • Is there public support both to implement and to maintain the project? |
| Legal |
| <ul style="list-style-type: none"> • Is the jurisdiction authorized to implement the proposed action? • Are there legal side effects? Could the activity be construed as a taking? • Will the university be liable for action or lack of action? • Will the activity be challenged? |
| Economic |
| <ul style="list-style-type: none"> • What are the costs and benefits of this action? • Do the benefits exceed the costs? • Are initial, maintenance, and administrative costs taken into account? • Has funding been secured for the proposed action? If not, what are the potential funding sources (public, non-profit, and private)? • How will this action affect the fiscal capability of the jurisdiction? • What burden will this action place on the tax base or local economy? • What are the budget and revenue effects of this activity? • Does the action contribute to other jurisdiction goals? • What benefits will the action provide? |
| Environmental |
| <ul style="list-style-type: none"> • How will the action affect the environment? • Will the action need environmental regulatory approvals? • Will it meet local and state regulatory requirements? • Are endangered or threatened species likely to be affected? |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|---|---|---|---|
| Earthquake / Liquefaction Hazard Related Actions | | | |
| | Continue to enforce the requirements of the Geologic Hazards District (Chapter 17.48) of the Capitola Municipal Code which requires the assessment of geologic hazards by a registered geologist or professional engineer for all new development projects. The geologic hazards identified through this assessment process are then mitigated by avoidance or through measures designed by civil engineers using the California Building Code. | Community Development, Public Works, and Building | Staff budget |
| | Continue to enforce the most current versions of both the California Building Code (CBC) and the California Building Standards with regards to seismicity, including requiring engineering and liquefaction studies for all potentially affected development. | Public Works and Building | Staff budget |
| | Conduct seismic evaluations of all City owned and/or other agency's critical facilities (including roadways, water, sewer, storm drains and emergency use facilities) and seek funding sources to assist in necessary upgrades of these critical facilities. | Public Works | PDM, HMGP, Staff budget, and General Fund |
| | Encourage the retrofit of all non-complying un-reinforced masonry buildings that are identified as critical public facilities (City to confirm if any such buildings exist). | Building | Staff budget |
| | Work with Caltrans and other relevant agencies to evaluate and retrofit the structural integrity of all bridges to ensure their safety during a seismic event. | Public Works | PDM, HMGP, Staff budget |
| | As part of the General Plan update, review and update the city's existing ordinances as they relate to earthquake / liquefaction hazards, consistent with the risks identified in this LHMP. | Community Development | Staff budget |
| | Continue training appropriate plan check staff on seismic requirements for new and existing structures. | Building | Staff budget |
| | | | |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|--|---|--|-----------------------------|
| Coastal Storm / Flooding Hazard Related Actions | | | |
| | In coordination with the Santa Cruz County Public Works & Flood Control & Water Conservation District (Zone 5), evaluate the effectiveness of current policies and ordinances to ensure that storm water runoff from impervious surfaces does not contribute to flooding. | Public Works and Community Development | Staff budget |
| | Continually monitor and review CA State Water Resources Control Board regulations and permit requirement to ensure consistency with city policies and regulations. This includes on-site retention of stormwater runoff from impervious surfaces and the implementation of Low Impact Development (LIDs) standards on new development. | Public Works and Community Development | Staff budget |
| | Limit development and monitor conditions of development and grading permits to prevent sedimentation in natural channels and wetlands. | Community Development | Staff budget |
| | Work in close coordination with the Santa Cruz County Public Works & Flood Control & Water Conservation District (Zone 5) to plan, inspect, maintain and improve flood control facilities and storm drain infrastructure including underground pipelines and above ground drainage ditches and water courses, pump stations, catch basins and outfalls. | | Staff budget |
| | Evaluate the likelihood of debris flow impacts to the Stockton Avenue during a catastrophic flooding event. | Public Works | FHA, FMA, Staff budget |
| | Assist in the planning and/or improvement of infrastructure and facilities to help minimize flooding impacts, particularly in critical flood-prone areas (e.g. Capitola Village). | Public Works and Community Development | FHA, PDM |
| | Improve the Noble Gulch storm drain facilities to protect against flooding within the Capitola Village. | Public Works and Community Development | PDM, HMGP, General Fund |
| | Relocate or elevate critical facilities (e.g. City hall, police, fire, etc.) above the level of the 100-year flood elevation. | Public Works and Community Development | PDM, HMGP, General Fund |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|--|--|--|------------------------------------|
| Coastal Storm/Flooding Hazard Related Actions | | | |
| | Develop more accurate GIS maps of the City's drainage system in coordination with future updates of the Capitola Stormwater Management Program | Public Works and Community Development | CalEMA, General Fund, Staff budget |
| | Continue to implement the Soquel Creek Lagoon Management Plan. | Public Works and Community Development | PDM, HMGP, FMA, Staff budget |
| | Continually monitor and review FEMA's National Flood Insurance Program (NFIP) requirements to ensure they are in compliance with the City's floodplain management regulations. | Public Works and Community Development | Staff budget |
| | Participate in the FEMA NFIP Community Rating System (CRS). | Community Development | Staff budget |
| | Work in coordination with the Santa Cruz County Public Works & Flood Control & Water Conservation District (Zone 5) to develop and disseminate public education materials on flood protection and mitigation by working collaboratively with community groups, non-governmental organizations and the local media. | Community Development | General Fund |
| | As part of the General Plan update, review and update the city's existing ordinances as they relate to storm / flooding hazards, consistent with the risks identified in this LHMP. | Community Development | Staff budget |
| | | | |
| Drought Hazard Related Actions | | | |
| | Work in coordination with the City of Santa Cruz and the Soquel Creek Water District to implement water conservation strategies that maximize the use of existing water resources. | Community Development | Staff budget |
| | Work in coordination with the Soquel Creek Water District to promote more effective use of groundwater storage through increased groundwater recharge and conjunctive use. | Community Development | Staff budget |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|--|---|--|-----------------------------|
| | | | |
| Windstorm Hazard Related Actions | | | |
| | Work with Pacific Gas & Electric to implement an ongoing tree trimming program for trees located in close proximity to overhead power lines. | Public Works | Staff budget |
| | | | |
| Coastal Erosion/ Bluff Failure Hazard Related Actions | | | |
| | Work in close coordination with Santa Cruz County, the CA Coastal Commission, and other relevant agencies and organizations to protect and preserve the coastline and its coastal bluffs through restoration efforts to help ensure safe coastal access and the protection of adjacent infrastructure and facilities. | Public Works and Community Development | Staff budget |
| | Protect and preserve the coastline through permit review and continue to review coastal development for conformance with applicable City geologic hazards regulations. | Community Development, Public Works | Staff budget |
| | Protect and preserve the coastline and infrastructure through restoration efforts such as beach replenishment, coastal bluff protection, seawall construction (as a last resort), and other appropriate measures. | Community Development, Public Works | Staff budget |
| | As part of the General Plan update, review and update the city's existing ordinances as they relate to coastal erosion / bluff failure hazards, consistent with the risks identified in this LHMP. | Community Development | Staff budget |
| | | | |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|--|--|-------------------------------------|-----------------------------|
| Tsunami Hazard Related Actions | | | |
| | Work collaboratively with relevant agencies and organizations to investigate tsunami threat to the City based on the best available information. | Community Development | Staff budget |
| | Implement a public communication system (e.g. siren) to warn the public of a potential tsunami threat. | Community Development | |
| | Support the timely and accurate update of tsunami inundation maps within the Monterey Bay area. Then integrate the new tsunami inundation maps into the risk assessment of this Local Hazard Mitigation Plan | Community Development | Staff budget |
| | | | |
| Hazardous Materials Related Actions | | | |
| | Coordinate with the Santa Cruz County Department of Environmental Health Services, on enforcement of State and local statutes and regulations pertaining to hazardous materials/ waste storage, use, and disposal. | Community Development | Staff budget |
| | Support staff training and education requirements regarding emergency response procedures associated with transportation-based hazardous materials releases. | Community Development, Public Works | Staff budget |
| | | | |
| Fire Hazard Related Actions | | | |
| | Continue to maintain cooperative fire protection and fire prevention agreements with the Central Fire Protection District and other relevant agencies. | Community Development | Staff budget |
| | Increase visibility of road signs and address markings on businesses and residences to reduce response times. | Community Development, Building | Staff budget |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|--|---|-------------------------------------|-----------------------------|
| Fire Hazard Related Actions | | | |
| | Identify inadequate access roadways. Develop a program to address inadequacies. | Community Development, Public Works | PDM, HMGP, General Fund |
| | Promote land use planning and implement building codes to reduce incidence of human-caused wildfires especially in very high fire hazard areas. | Community Development | Staff budget |
| | Implement building codes relevant to fire protection in new development or major renovations. (i.e. built-in fire extinguishing and fire alarm systems) | Community Development, Building | Staff budget |
| | Work cooperatively with Central Fire Protection District, CalFire, and other relevant agencies to promote the implementation and awareness of fire prevention programs | Community Development | Staff budget |
| | | | |
| Landslide/ Mudflow Hazard Related Actions | | | |
| | Continue to require that geologic/engineering report be prepared for any proposed construction near landsliding and require mitigation of landslide hazards before issuing any building or grading permits. | Community Development, Building | Staff budget |
| | | | |
| Multi-Hazard Related Actions | | | |
| | Coordinate hazard mitigation progress/efforts with the Santa Cruz County Office of Emergency Services and other agencies and cities within Santa Cruz County. | Police | Staff budget |
| | Continue to work with Santa Cruz 911 and other relevant agencies to maintain a coordinated and effective emergency communication system. | Police | Staff budget |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|-------------------------------------|---|--|-----------------------------|
| Multi-Hazard Related Actions | | | |
| | Continue to update and enhance mapping data and the City's GIS for all hazards. | Public Works and Community Development | General Fund |
| | Verify the replacement value of City-owned critical facilities to improve risk assessment within this plan. | Public Works, Community Development, Finance | General Fund |
| | Work with the appropriate cellular phone service providers to ensure there is always adequate cellular services to critical facilities within the City. | Community Development | Staff budget |
| | Consolidate the City's Local Hazard Mitigation Plan into the Safety Element of the General Plan. | Community Development | General Fund |
| | Integrate the results of the Monterey Bay Sea Level Rise Study into the Local Hazard Mitigation Plan risk assessment and the General Plan Safety Element. | Community Development | DRI |
| | As part of the General Plan Update process, develop a plan to address climate change/ climate adaptation issues within the City and its surroundings. | Community Development | Staff budget |
| | | | |
| | | | |

| Priority | Mitigation Action | Responsible Department | Potential Funding Source(s) |
|----------|-------------------|------------------------|-----------------------------|
| | | | |
| | | | |
| | | | |
| | | | |

Capitola Local Hazard Mitigation Plan
Project Schedule
June 28, 2012

| Task | Date |
|--|-----------|
| Administrative Draft LHMP to TAC Members | 6/22 |
| TAC Meeting #3 | 6/28 |
| City Comments on Admin. Draft LHMP to RBF | 7/6 |
| Screencheck Draft LHMP to City | 7/10 |
| City Comments on Screencheck Draft LHMP to RBF | 7/13 |
| Public Review Draft LHMP | 7/17 |
| GPAC Meeting | 8/8 |
| Completion of Public Review (30 days) | 8/16 |
| Planning Commission | August |
| City Council | September |
| Transmittal to Cal EMA | October |
| FEMA Approval | November |

Appendix D – Public Outreach Survey and Materials

- 1. Public Outreach Survey**
- 2. Public Outreach Survey Results Summary**
- 3. Public Outreach Press Releases/ News Articles**

2012 Capitola Hazard Mitigation Plan Survey

CITY OF CAPITOLA - NATURAL HAZARD MITIGATION SURVEY

Dear Community Member,

In response to the March 2011 flood events, the City has embarked upon a process to prepare Capitola's first Local Hazard Mitigation Plan. This plan will identify natural hazards throughout the City and surrounding areas that could potentially affect the City and its residents. The plan will also include an assessment of critical facilities vulnerable to these hazards and list potential actions needed to reduce these risks and avoid future damage. This effort is possible due to a Disaster Recovery Initiative grant the City has received.

Are you interested in actions the City can take to address future flood, earthquake and other natural hazards? Do you have ideas to help our community increase resiliency in response to disasters? Your participation in responding to this brief survey will help ensure development of a strong mitigation strategy.

Thank you for your time and cooperation.

Sincerely,

Jamie Goldstein
City Manager

2012 Capitola Hazard Mitigation Plan Survey

HAZARD AWARENESS

1. Please indicate whether you live or work in the City of Capitola. Choose all that apply.

- ☐ I live in the City of Capitola
- ☐ I work in the City of Capitola
- ☐ I own a business in the City of Capitola
- ☐ None of these apply to me, but I am interested in the City's resiliency

*2. What is the ZIP code of your home?

3. If you are a resident or business owner in the City of Capitola, please select your neighborhood from the list below.

| | Neighborhood |
|------------------------|----------------------|
| Residence Neighborhood | <input type="text"/> |
| Business Neighborhood | <input type="text"/> |
| Other (please specify) | <input type="text"/> |

4. Please select the type of events that have impacted your residence in the City of Capitola (select all that apply).

- ☐ Coastal Erosion / Bluff Failure
- ☐ Coastal Storm / Flooding
- ☐ Drought
- ☐ Earthquake
- ☐ Expansive Soils
- ☐ Hazardous Materials Spill
- ☐ Landslide and Mudflow
- ☐ Tsunami
- ☐ Wildfire
- ☐ Windstorm
- ☐ I am not a resident in the City of Capitola

Please list any additional hazards that previously impacted your residence.

2012 Capitola Hazard Mitigation Plan Survey

5. Please select the type of events that have impacted your business or place of work in the City of Capitola (select all that apply).

- | | |
|--|--|
| <input type="checkbox"/> Coastal Erosion / Bluff Failure | <input type="checkbox"/> Landslide and Mudflow |
| <input type="checkbox"/> Coastal Storm / Flooding | <input type="checkbox"/> Tsunami |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Earthquake | <input type="checkbox"/> Windstorm |
| <input type="checkbox"/> Expansive Soils | <input type="checkbox"/> I do not work or own a business in the City of Capitola |
| <input type="checkbox"/> Hazardous Materials Spill | |

Please list any additional hazards that previously impacted your residence.

6. Please mark the THREE(3) hazards that you feel are of most concern to the City of Capitola, its residents, businesses, infrastructure, and critical facilities such as hospitals, police/fire stations, schools, etc.

- | | |
|--|--|
| <input type="checkbox"/> Coastal Erosion / Bluff Failure | <input type="checkbox"/> Hazardous Materials Spill |
| <input type="checkbox"/> Coastal Storm / Flooding | <input type="checkbox"/> Landslide and Mudflow |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Tsunami |
| <input type="checkbox"/> Earthquake | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Expansive Soils | <input type="checkbox"/> Windstorm |

Please list any additional hazards that present a threat to your residence, business, or place of work within the City of Capitola.

7. In your opinion, how likely is your residence, business, or place of work to be impacted by a disaster?

Residence

Business

Place of Work

Additional Comments

2012 Capitola Hazard Mitigation Plan Survey

PROPERTY INSURANCE

8. Please tell us about the insurance carried on your residence. Please check all that apply.

- ☐ I am the property owner and carry homeowner's insurance.
- ☐ I am the property owner and carry flood insurance.
- ☐ I am the property owner and carry earthquake insurance.
- ☐ I rent my home and carry renter's insurance.
- ☐ Not applicable, I do not live in the City of Capitola.
- ☐ None of these apply to me.

Additional Comments (regarding insurance)

9. If you own a business property in the City of Capitola, please indicate the type of insurance carried for that property. (Select all that apply)

- ☐ Earthquake Insurance
- ☐ Flood Insurance
- ☐ Fire Insurance

Additional Comments (regarding insurance)

For more information regarding flood insurance, please visit <http://www.floodsmart.gov/floodsmart/>.

For more information regarding earthquake insurance, please visit <http://www.earthquakeauthority.com/>.

2012 Capitola Hazard Mitigation Plan Survey

EMERGENCY PREPAREDNESS

10. What have you done to prepare yourself and your family for a disaster? Please check all that apply.

- ☐ Prepared a 72 hour kit
- ☐ Prepared a Grab and Go Kit for each person in your family
- ☐ Have a portable AM/FM radio (battery powered)
- ☐ Have a family disaster plan
- ☐ Store important documents in a waterproof/fire proof container
- ☐ Store extra medications
- ☐ Taken disaster training

Other (please specify)

11. If you work or own a business in Capitola, please indicate the emergency preparedness measures you are aware of in the workplace. Please check all that apply.

- ☐ evacuation drills
- ☐ training on how to respond to disasters in the workplace
- ☐ available disaster supplies
- ☐ Grab and Go Kits for each employee
- ☐ available portable AM/FM radio (battery powered)
- ☐ Continuity of Operations Plan
- ☐ Disaster Recovery Plan
- ☐ important documents stored in a waterproof/fire proof container
- ☐ Back up of critical business data and documentation in an off site location
- ☐ Stored extra medications

Other (please specify)

For more information on preparing an emergency kit, please visit: <http://www.ready.gov/america/getakit/index.html>

2012 Capitola Hazard Mitigation Plan Survey

12. Are you familiar with the special needs of your neighbors in the event of a disaster situation (special needs may include limited mobility, severe medical conditions, memory impairments, etc)? (This may apply to neighbors of your residence, place of work, or business in the City of Capitola).

☐ Yes

☐ No

Additional Comments

13. Are you a trained member of your Community Emergency Response Team (CERT)?

☐ Yes

☐ No, I would like to learn more about CERT

☐ No, I am not interested in being a trained CERT member

For more information about CERT, please visit: <http://www.santacruzcountycert.org/aboutcert.html>. Please share with us why you are a trained CERT member or why you are not yet part of CERT.

14. Are you aware of the physical boundaries for the following hazard areas in Capitola?

| | Yes | No |
|----------------------------------|-----------------------|-----------------------|
| The Flood Plain Area in the City | <input type="radio"/> | <input type="radio"/> |
| The Tsunami Inundation Zone | <input type="radio"/> | <input type="radio"/> |

15. Are you aware of the following disaster preparedness resources?

☐ City of Capitola Emergency Twitter Feed: (@cityofcapitola)

☐ County program to register cell phones for emergency notification (<http://www.sccecc.org/>)

☐ Santa Cruz Regional 9-1-1 resources (<http://www.sccecc.org/>)

☐ Santa Cruz County Office of Emergency Services (<http://sccounty04.co.santa-cruz.ca.us/oes/oesmain2.htm>)

☐ Be Prepared California (<http://bepreparedcalifornia.ca.gov/epo>)

☐ California Emergency Management Agency - Community Preparedness

(<http://www.calema.ca.gov/PlanningandPreparedness/Pages/Individuals-and-Families.aspx>)

☐ Federal Emergency Management Agency - Ready (<http://www.ready.gov/>)

Other (please specify)

2012 Capitola Hazard Mitigation Plan Survey

RECOMMENDATIONS AND FUTURE PARTICIPATION

***16. What are the most important things the City can do to help residents and businesses be more prepared for a disaster? (choose all that apply)**

- ☐ Strengthen the City's infrastructure
- ☐ Improve built facilities (such as fire/police stations) to be more resilient to natural hazards
- ☐ Provide training and education to residents and business owners on how they can reduce future damage
- ☐ Disseminate effective emergency notifications and communication
- ☐ Community outreach regarding emergency preparedness
- ☐ Being aware of special needs and vulnerable populations
- ☐ Make a plan to use volunteer residents to help in a disaster
- ☐ Perform outreach to ensure people are aware of their environment and the inherent risks
- ☐ Provide training and materials on how residents can be prepared for the identified risks
- ☐ Enforce/update building codes
- ☐ No improvements needed
- ☐ I have no opinion on this

Other (please specify)

17. Would you like to review and comment on the draft of the 2012 Capitola Hazard Mitigation Plan?

- ☐ Yes, Please notify me using my contact information in the next question.
- ☐ No

18. Please provide your name and email address in order to be notified of future opportunities to participate in hazard mitigation and resiliency planning. If you do not have an email address, please provide your mailing address.

Full Name:

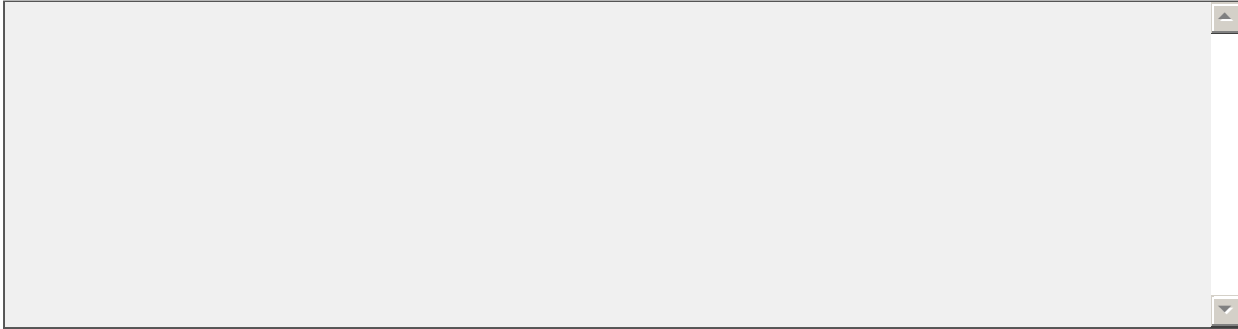
E-Mail Address:

Street Address:

City, State, Zip:





2012 Capitola Hazard Mitigation Plan Survey

19. Please provide us with any additional comments/suggestions/questions that you have regarding your risk to future hazard events.



Thank you for taking the time to complete this survey. If you have any questions regarding this survey, or if you are aware of someone else or an organization that should be involved, you may contact Susan Westman at (831) 475-7300, or swestman@ci.capitola.ca.us.

1. Please indicate whether you live or work in the City of Capitola. Choose all that apply.

| | | Response Percent | Response Count |
|---|---|---------------------|-------------------|
| I live in the City of Capitola |  | 57.9% | 11 |
| I work in the City of Capitola |  | 31.6% | 6 |
| I own a business in the City of Capitola |  | 5.3% | 1 |
| None of these apply to me, but I am interested in the City's resiliency |  | 21.1% | 4 |
| answered question | | | 19 |
| skipped question | | | 2 |

2. What is the ZIP code of your home?

| | Response Count |
|-------------------|-------------------|
| | 20 |
| answered question | 20 |
| skipped question | 1 |

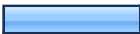







3. If you are a resident or business owner in the City of Capitola, please select your neighborhood

Neighborhood

| | West Capitola | Jewel Box | Upper and Lower Village | East Capitola | Depot Hill |
|------------------------|---------------|-----------|-------------------------|---------------|------------|
| Residence Neighborhood | 13.3% (2) | 20.0% (3) | 33.3% (5) | 13.3% (2) | 0.0% (0) |
| Business Neighborhood | 0.0% (0) | 0.0% (0) | 40.0% (2) | 20.0% (1) | 0.0% (0) |

| |
|--|
| |
| |

4. Please select the type of events that have impacted your residence in the City of Capitola (select all that apply).








| | | Response Percent | Response Count |
|---|---|------------------|----------------|
| Coastal Erosion / Bluff Failure |  | 20.0% | 3 |
| Coastal Storm / Flooding |  | 73.3% | 11 |
| Drought |  | 26.7% | 4 |
| Earthquake |  | 46.7% | 7 |
| Expansive Soils |  | 6.7% | 1 |
| Hazardous Materials Spill | | 0.0% | 0 |
| Landslide and Mudflow |  | 20.0% | 3 |
| Tsunami | | 0.0% | 0 |
| Wildfire | | 0.0% | 0 |
| Windstorm |  | 33.3% | 5 |
| I am not a resident in the City of Capitola |  | 20.0% | 3 |

Please list any additional hazards that previously impacted your residence.

4

| | |
|--------------------------|-----------|
| answered question | 15 |
| skipped question | 6 |

5. Please select the type of events that have impacted your business or place of work in the City of Capitola (select all that apply).









| | | Response Percent | Response Count |
|--|---|---------------------|-------------------|
| Coastal Erosion / Bluff Failure |  | 9.1% | 1 |
| Coastal Storm / Flooding |  | 45.5% | 5 |
| Drought |  | 9.1% | 1 |
| Earthquake |  | 18.2% | 2 |
| Expansive Soils |  | 9.1% | 1 |
| Hazardous Materials Spill | | 0.0% | 0 |
| Landslide and Mudflow | | 0.0% | 0 |
| Tsunami | | 0.0% | 0 |
| Wildfire | | 0.0% | 0 |
| Windstorm |  | 9.1% | 1 |
| I do not work or own a business in the City of Capitola |  | 54.5% | 6 |

Please list any additional hazards that previously impacted your residence.

1

| | |
|--------------------------|-----------|
| answered question | 11 |
| skipped question | 10 |

6. Please mark the THREE(3) hazards that you feel are of most concern to the City of Capitola, its residents, businesses, infrastructure, and critical facilities such as hospitals, police/fire stations, schools, etc.

| | | Response Percent | Response Count |
|---------------------------------|---|---------------------|-------------------|
| Coastal Erosion / Bluff Failure |  | 50.0% | 9 |
| Coastal Storm / Flooding |  | 100.0% | 18 |
| Drought |  | 5.6% | 1 |
| Earthquake |  | 88.9% | 16 |
| Expansive Soils | | 0.0% | 0 |
| Hazardous Materials Spill |  | 5.6% | 1 |
| Landslide and Mudflow |  | 5.6% | 1 |
| Tsunami |  | 22.2% | 4 |
| Wildfire | | 0.0% | 0 |
| Windstorm |  | 11.1% | 2 |

Please list any additional hazards that present a threat to your residence, business, or place of work within the City of Capitola.

3

| | |
|--------------------------|-----------|
| answered question | 18 |
| skipped question | 3 |

7. In your opinion, how likely is your residence, business, or place of work to be impacted by a






| | Not very likely | Somewhat likely | Very likely | Does Not Apply |
|---------------|-----------------|------------------|------------------|------------------|
| Residence | 11.8% (2) | 35.3% (6) | 35.3% (6) | 17.6% (3) |
| Business | 0.0% (0) | 14.3% (1) | 28.6% (2) | 57.1% (4) |
| Place of Work | 12.5% (1) | 62.5% (5) | 12.5% (1) | 12.5% (1) |

Additional Comments

answered question

skipped question

8. Please tell us about the insurance carried on your residence. Please check all that apply.

| | | Response Percent | Response Count |
|--|---|---------------------|-------------------|
| I am the property owner and carry homeowner's insurance. |  | 44.4% | 8 |
| I am the property owner and carry flood insurance. | | 0.0% | 0 |
| I am the property owner and carry earthquake insurance. |  | 11.1% | 2 |
| I rent my home and carry renter's insurance. |  | 5.6% | 1 |
| Not applicable, I do not live in the City of Capitola. |  | 27.8% | 5 |
| None of these apply to me. |  | 11.1% | 2 |

Additional Comments (regarding insurance)

2



answered question

18

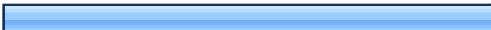






skipped question

3






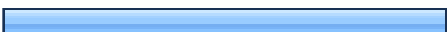

9. If you own a business property in the City of Capitola, please indicate the type of insurance carried for that property. (Select all that apply)

| | | Response Percent | Response Count |
|---|--|------------------|----------------|
| Earthquake Insurance |  | 33.3% | 1 |
| Flood Insurance | | 0.0% | 0 |
| Fire Insurance |  | 100.0% | 3 |
| Additional Comments (regarding insurance) | | | 0 |
| answered question | | | 3 |
| skipped question | | | 18 |



10. What have you done to prepare yourself and your family for a disaster? Please check all that apply.

| | | Response Percent | Response Count |
|--|--|------------------|----------------|
| Prepared a 72 hour kit |  | 73.3% | 11 |
| Prepared a Grab and Go Kit for each person in your family |  | 20.0% | 3 |
| Have a portable AM/FM radio (battery powered) |  | 80.0% | 12 |
| Have a family disaster plan |  | 20.0% | 3 |
| Store important documents in a waterproof/fire proof container |  | 46.7% | 7 |
| Store extra medications |  | 26.7% | 4 |
| Taken disaster training |  | 60.0% | 9 |
| Other (please specify) | | | 3 |
| answered question | | | 15 |
| skipped question | | | 6 |




11. If you work or own a business in Capitola, please indicate the emergency preparedness measures you are aware of in the workplace. Please check all that apply.

| | | Response Percent | Response Count |
|---|---|---------------------|-------------------|
| evacuation drills |  | 66.7% | 2 |
| training on how to respond to disasters in the workplace |  | 100.0% | 3 |
| available disaster supplies |  | 100.0% | 3 |
| Grab and Go Kits for each employee | | 0.0% | 0 |
| available portable AM/FM radio (battery powered) |  | 33.3% | 1 |
| Continuity of Operations Plan |  | 33.3% | 1 |
| Disaster Recovery Plan | | 0.0% | 0 |
| important documents stored in a waterproof/fire proof container |  | 66.7% | 2 |
| Back up of critical business data and documentation in an off site location |  | 33.3% | 1 |
| Stored extra medications | | 0.0% | 0 |
| | Other (please specify) | | 0 |
| answered question | | | 3 |
| skipped question | | | 18 |

12. Are you familiar with the special needs of your neighbors in the event of a disaster situation (special needs may include limited mobility, severe medical conditions, memory impairments, etc)? (This may apply to neighbors of your residence, place of work, or business in the City of Capitola).

| | | Response Percent | Response Count |
|---------------------|---|---------------------|-------------------|
| Yes |  | 52.9% | 9 |
| No |  | 47.1% | 8 |
| Additional Comments | | | 2 |
| answered question | | | 17 |
| skipped question | | | 4 |

13. Are you a trained member of your Community Emergency Response Team (CERT)?

| | | Response Percent | Response Count |
|--|---|---------------------|-------------------|
| Yes |  | 22.2% | 4 |
| No, I would like to learn more about CERT |  | 33.3% | 6 |
| No, I am not interested in being a trained CERT member |  | 44.4% | 8 |



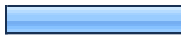




For more information about CERT, please visit: <http://www.santacruzcountycert.org/aboutcert.html>. Please share with us why you are a trained CERT member or why you are not yet part of CERT.

| | | | |
|-------------------|--|--|----|
| answered question | | | 18 |
| skipped question | | | 3 |

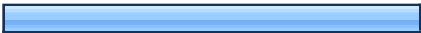


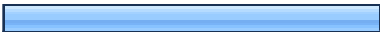
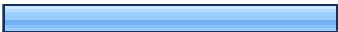
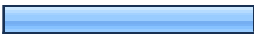





14. Are you aware of the physical boundaries for the following hazard areas in Capitola?

| | Yes | No | Response Count |
|----------------------------------|------------|-----------|----------------|
| The Flood Plain Area in the City | 70.6% (12) | 29.4% (5) | 17 |
| The Tsunami Inundation Zone | 61.1% (11) | 38.9% (7) | 18 |
| answered question | | | 18 |
| skipped question | | | 3 |



15. Are you aware of the following disaster preparedness resources?

| | | Response Percent | Response Count |
|---|--|------------------|----------------|
| City of Capitola Emergency Twitter Feed: (@cityofcapitola) |  | 33.3% | 5 |
| County program to register cell phones for emergency notification (http://www.sccecc.org/) |  | 46.7% | 7 |
| Santa Cruz Regional 9-1-1 resources (http://www.sccecc.org/) |  | 66.7% | 10 |
| Santa Cruz County Office of Emergency Services (http://sccounty04.co.santa-cruz.ca.us/oes/oesmain2.htm) |  | 40.0% | 6 |
| Be Prepared California (http://bepreparedcalifornia.ca.gov/epo) |  | 20.0% | 3 |
| California Emergency Management Agency - Community Preparedness (http://www.calema.ca.gov/PlanningandPreparedness/Pages/Individuals-and-Families.aspx) |  | 53.3% | 8 |
| Federal Emergency Management Agency - Ready (http://www.ready.gov/) |  | 53.3% | 8 |
| Other (please specify) | | | 1 |
| answered question | | | 15 |
| skipped question | | | 6 |





16. What are the most important things the City can do to help residents and businesses be more prepared for a disaster? (choose all that apply)

| | | Response Percent | Response Count |
|---|---|---------------------|-------------------|
| Strengthen the City's infrastructure |  | 62.5% | 10 |
| Improve built facilities (such as fire/police stations) to be more resilient to natural hazards |  | 50.0% | 8 |
| Provide training and education to residents and business owners on how they can reduce future damage |  | 68.8% | 11 |
| Disseminate effective emergency notifications and communication |  | 56.3% | 9 |
| Community outreach regarding emergency preparedness |  | 50.0% | 8 |
| Being aware of special needs and vulnerable populations |  | 37.5% | 6 |
| Make a plan to use volunteer residents to help in a disaster |  | 43.8% | 7 |
| Perform outreach to ensure people are aware of their environment and the inherent risks |  | 37.5% | 6 |
| Provide training and materials on how residents can be prepared for the identified risks |  | 50.0% | 8 |
| Enforce/update building codes |  | 43.8% | 7 |
| No improvements needed | | 0.0% | 0 |
| I have no opinion on this |  | 6.3% | 1 |
| Other (please specify) | | | 4 |
| answered question | | | 16 |
| skipped question | | | 5 |

17. Would you like to review and comment on the draft of the 2012 Capitola Hazard Mitigation Plan?

| | | Response Percent | Response Count |
|--|---|---------------------|-------------------|
| Yes, Please notify me using my contact information in the next question. |  | 33.3% | 4 |
| No |  | 66.7% | 8 |
| answered question | | | 12 |
| skipped question | | | 9 |

18. Please provide your name and email address in order to be notified of future opportunities to participate in hazard mitigation and resiliency planning. If you do not have an email address, please provide your mailing address.

| | | Response Percent | Response Count |
|-------------------|--|---------------------|-------------------|
| Full Name: |  | 90.0% | 9 |
| E-Mail Address: |  | 100.0% | 10 |
| Street Address: |  | 90.0% | 9 |
| City, State, Zip: |  | 90.0% | 9 |
| answered question | | | 10 |
| skipped question | | | 11 |

19. Please provide us with any additional comments/suggestions/questions that you have regarding your risk to future hazard events.

| Response Count | |
|-------------------|----|
| 3 | |
| answered question | 3 |
| skipped question | 18 |

CITY OF CAPITOLA
420 Capitola Avenue
Capitola, Ca 95010

Michael Termini Mayor
Stephanie Harlan Vice Mayor
Dennis Norton Council Member
Kirby Nicol Council Member
Sam Storey Council Member

Jacques J. Bertrand City Treasurer
Jamie Goldstein City Manager

PREST. STD.
U.S. POSTAGE
PAID
CAPITOLA, CA 95010
PERMIT #13

Please email your comments or suggestions to lmurphy@ci.capitola.ca.us

COUNCIL MEMBER INFO

Mayor

Michael Termini
michael@triadelectric.com

Vice Mayor

Stephanie Harlan
sharlan@sbcbglobal.net

Council Member

Dennis Norton
dnorton@designs@msn.com

Council Member

Sam Storey
samforccapitola@att.net

Council Member

Kirby Nicol
www.wharf@towharf.com

Email all council at:
citycouncil@ci.capitola.ca.us

CALENDAR OF CITY MEETINGS

City Council meetings are held in the City Council Chambers, 420 Capitola Avenue. For all other meetings, locations, or for more information, call 475-7300 or watch Cable Community Channel 8 scroll. Dates are subject to change.

The City Council meets the 2nd and 4th Thursday of the month at approximately 7:00 pm.

The Planning Commission meets the 1st Thursday of the month at 7:00 pm.

The Museum Board meets the 1st Thursday of the month at 5:30 pm.

The Arc & Site Review committee meets the 2nd and 4th Wednesday of the month at 3:30 pm.

The Art & Cultural Commission meets the 2nd Tuesday of the month at 6:30 pm.

The Finance Advisory Committee meets the 2nd Tuesday of the month at 6:30 pm.

The Commission on the Environment meets the 4th Thursday of the month at 6:00 pm.

The Traffic & Parking Committee meets the 2nd Wednesday of the month at 6:30 pm.

Recreation Dept.:
caprec@cruzio.com

City Web Site:
www.ci.capitola.ca.us

IMPORTANT NUMBERS

Administration: 475-7300

Animal Services: 471-1141

Building Dept: 475-7300 ext. 218
Americans with Disabilities Act (ADA)
Building Permits/Inspections

Cable TV: Charter Communications
1-866-731-5420

City Clerk: 475-7300 ext. 228
City Council Information
Elections
Agendas

Community Development:
475-7300 ext. 216

Emergencies: 911

Fire (County): 479-6842

Garbage: Green Waste Recovery
1-800-665-2209

Library: 477-7240

Museum: 464-0322

Recreation: 475-5935

Parking Enforcement: 475-9274

Public Works: 475-7300
Street Repair
Road Information
Parks
Sewer Emergency: 464-5462

Police: 475-4242
Information: 475-4935
Emergency: 911

Designed by Pacific Publishing 831.462.5700



VOLUME 9, ISSUE 2

SPRING 2012

NEWS CORNER

SHOP CAPITOLA!

CITY WIDE ANNUAL GARAGE SALE
April 14, 2012, 8-2pm

**SPRING CLEAN UP
WITH GREEN WASTE RECOVERY**
April 16, 2012. Home Compost Bins
are now available from Green Waste
Recovery. Call 768-9505

TWILIGHT CONCERTS
Twilight Concerts begin June 20, every
Wednesday night through August in
Esplanade Park. Check our website for
detailed information on who is playing

BEGONIA FESTIVAL
Labor Day Weekend
<http://www.begoniafestival.com>

ART @ THE BEACH
Artists Wanted. Call 419-7485
or download an application at
www.ci.capitola.ca.us

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INCREASING RESPONSE TO NATURAL HAZARDS IN THE CITY OF CAPITOLA

In response to the March 2011 flood events, the City has embarked upon a process to prepare Capitola's first Local Hazard Mitigation Plan. This plan will identify natural hazards throughout the City and surrounding areas that could potentially affect the City and its residents. The plan will also include an assessment of critical facilities vulnerable to these hazards and list potential actions needed to reduce these risks and avoid future damage. This effort is possible due to a Disaster Recovery Initiative grant the City has received.



Are you interested in actions the City can take to address future flood, earthquake and other natural hazards? Do you have ideas to help our community increase resiliency in response to disasters? Your participation can help.

The City welcomes citizen participation to ensure development of a strong mitigation strategy. Please respond to the public opinion survey to share your concerns and get on the list to be informed of future opportunities to participate in the planning process. The complete draft plan will be posted for public review and comment this summer and ultimately presented to the City Council for adoption.

Public Opinion Survey: <http://www.surveymonkey.com/s/CapitolaHMP>

Although the plan enables the City to be eligible for various assistance grants, the plan's value lies in the identification of hazards and assessment of the community's vulnerability to these hazards. It helps emergency managers and residents better prepare for disasters.

RBF Consulting has been hired to assist the City in the preparation of the plan and has initiated the work effort with the City's Local Hazard Mitigation Plan Technical Advisory Committee, which is comprised of City Staff, Local, State, and Federal Agencies/Jurisdictions, and Emergency Response/ Recovery Organizations.

For additional information or questions, please direct your inquiries to Susan Westman at swestman@ci.capitola.ca.us or 831-475-7300.

CAPITOLA SPRING GARAGE SALE

REUSE & RECYCLE!! Mark your calendars for the 59th Annual City wide Garage Sale on April 14. The City of Capitola will be sponsoring the Garage Sale and will do all of the advertising. All you have to do is sign up on line at www.ci.capitola.ca.us by April 12. The Friday before the Garage Sale, a map will be available to the public at City Hall (420 Capitola Ave.) and on the web www.ci.capitola.ca.us listing all of the addresses of the garage sale participants. Get your map and go find that one-of-a-kind treasure.

CAPITOLA—WHERE LAND AND SKY MEET SAND AND SEA

"Capitola — Where Land and Sky Meet Sand and Sea" is the theme for Capitola Museum's next exhibit. Inspiration for the show came from a recently completed video, *CAPITOLA SERENADE*, based on the 1913 composition *CAPITOLA MARCH TWO-STEP* by F.H. Losey.

Capitola Museum volunteer Minna Hertel first thought of merging the old music with a new song. She asked Joe Ortiz, author, composer, publisher, and co-owner of Gayle's Bakery to write the lyrics. He agreed, and then recorded music and song with Ukulele Dick playing the banjo and singing. A video was eventually created through the combined talents of Ortiz, Ukulele Dick, Hertel, Wallace Boss, and Megan Orr.

High points of the upcoming show will contain some surprises as well as reminders of Capitola's unforgettable landmarks, amusements, and celebrations, including the Capitola Begonia Festival—which will celebrate its 60th anniversary in 2012.

The exhibit will open its doors at noon on February 25, and a public reception is scheduled for March 10 at noon in the museum, 411 Capitola Avenue. The video *CAPITOLA SERENADE* is scheduled for release at the same time. Stay tuned.

NEW FACES AT CITY HALL

The City of Capitola welcomes some new employees to the City Hall. In late December, Su Sneddon became the new City Clerk. Su previously worked as the City Clerk for the City of Calistoga. In February, Tori Hanna became the new Finance Director. The position was vacant for nearly three years as the City struggled financially to fill it.

Tori comes to us from the City of Santa Cruz where she was the Finance Manager. In addition, with the retirement of Chief Card, the City will welcome Rudy Escalante as our new Chief beginning April 1. Rudy was previously with the City of Watsonville and the City of Santa Cruz.

The City also saw several employees leave Capitola to either retire or take a new position elsewhere. Pam Greeninger retired from the City Clerk position after over 30 years with the City. Long time employee with over 30 years of service, Ed Morrison also retired in December from the Public Works Department. Chief Mike Card will retire at the end of March after serving the City for over 2 years as Chief and previously for over 30 years in the Police Department. Finally, David Foster from the Planning Department recently accepted a new job as the Executive Director of Habitat For Humanity.



SPRING AND SUMMER REMINDERS TO HELP KEEP MONTEREY BAY AND SOQUEL CREEK CLEAN

DON'T FEED THE BIRDS. As the seagull, pigeon, and other waterfowl populations increase along the creek and beach, there is a noticeable decrease in water quality.

DON'T PUT ANYTHING IN THE STORM DRAINS. Storm drains are for storm water only, allowing landscaping over watering, car wash rinse water, oils, paints, or any other liquids or debris in these systems adds to the problems. Sweep your driveways, don't hose them down!!



NO CHANGE, NO PROBLEM!



The new pay stations along the Esplanade and San Jose Avenue in the Village have been operational since November and the feedback the City has received has been positive. You no longer need a pocketful of change to park, as the new machines accept dollar bills, credit/debit cards, along with coins.

SKATEPARK CONSIDERED AT MONTEREY PARK

The City Council is considering the development of a skatepark element at Monterey Park. At a Council meeting in January, the Council looked at a 9000 square foot conceptual plan that would be located along the southern edge of the park, bordering New Brighton Middle School. The Council asked for a 6000 square foot design that they can review at a future meeting which is currently being designed. The skatepark is proposed to be built through fund raising efforts and several groups have organized to assist the city in this effort. If you would like any information on the park please contact City Public Works at 475-7300.

FOOD WASTE COLLECTION COMES TO CAPITOLA

The City of Capitola Food Waste Collection Program is in full swing. In 2011 these the food waste program diverted over 327 tons of waste from the landfill. Please visit these businesses who are participating in the program. If your business is interested in signing up for this service please contact Green Waste Recovery at 768-4750

Donut Station - 715 Capitola Ave.

Trader Joe's - 3555 Clares St # D

Chili's Restaurant - 41st Ave.

Dairy Queen - 816 Bay Ave.

New Leaf Market - 1210 41st. Ave.

Whole Foods - 1710 41st Ave.

Dharmas Restaurant - 4250 Capitola Rd.

Margaritaville - 231 Esplanade

Gayle's - 504 Bay Ave.



MANDATORY RECYCLING

Beginning July 1, 2012, the statewide law mandating recycling programs at multifamily residences and businesses goes into effect, which requires that multifamily residential dwellings of five units or more shall arrange for recycling services. The good news is recycling is free with your contracted garbage collection services so proper recycling can significantly reduce your waste service costs. Plus, recycling is easier than ever. All designated recyclable items can be mixed together – no need to separate glass, plastics, paper, cardboard and metals – just put them all in the blue recycling cart. Property managers or owners who need help implementing a recycling program for your multifamily residential development, or in understanding what can and cannot be recycled, please contact Green Waste Recovery at 831 768-9505.

SUMMER 2012 PREVIEW: JUNIOR LIFEGUARDS & CAMP CAPITOLA

March 19: Registration for Camp Capitola, for all returning Junior Lifeguards (those who participated in 2011), and new Guards ages 12 & up.

April 9: Registration for new Guards, ages 6-11, during regular business hours (Monday-Friday, 8:30 a.m. to 4:30 p.m.)

Complete information will be in our Late Spring brochure, which is mailed out and posted online, at our website, www.capitolarecreation.com, on March 15.



JUNIOR LIFEGUARDS

Session 1: June 18 - July 20; no class Wednesday, July 4.

Session 2: July 23 - August 17

WASTE FREE LUNCHES

Would you like to save money and be environmentally responsible at the same time? Try a Waste Free Lunch. It has been estimated that on average a school-age child using a disposable lunch generates 67 pounds of waste per school year. That equates to 18,760 pounds of lunch waste for just one average-size elementary school. A typical lunch contains sandwiches in disposable plastic bags, prepackaged chips, cookies, fruit bars, granola bars; single-use



yogurts, applesauce and puddings; snack foods in plastic bags; juice boxes; plastic forks and spoons, and disposable paper lunch sacks. These products are designed to rely on single-use materials that require disposal after the food is consumed.

In an attempt to reduce waste disposal costs, as well as promote environmentalism try packing lunches for you and the kids that generate less trash, try a waste free lunch. Packing a waste free lunch is not rocket science. You just replace disposable single-use products with those that are recyclable or reusable. Eliminating disposable packaging and single serving items can save families \$250 a year according to wastefreelunches.org.

The essential components of the waste free lunch, aside from the food itself, are the lunch carrier, food and beverage containers, eating utensils and napkins. Try packing sandwiches and other main dishes, fresh fruits and, fresh vegetables, and treats in a reusable lunch container, cloth napkins instead of paper; stainless-steel forks and spoons, reusable drink container all packed in reusable lunchboxes.

For more useful tips and ideas, visit www.wastefreelunch.com

DWC from p. 5

the Center's members have actually helped to improve neighborhood safety.

Day Workers Say that the Community Doesn't Need to Worry

In an interview organized by Gomez-Contreras at a taqueria, three day workers described just how much the Center means to them and why the community doesn't need to worry.

Beach Flats resident Daniel Meza explained how picking up entirely unregulated jobs while waiting in front of a place like ProBuild can allow for employers to take advantage of day workers.

"Sometimes what will happen is the employer will say, 'ok, let's go work,' but at the work site the employer may change the pay they agreed upon," Meza said.

Another scenario is when an employer will add additional labor, and the worker will have to negotiate a second time for more pay, he said.

By formalizing the business transaction, Meza said he believes there will be more respect and honesty between the employer and the worker.

Some people in the Live Oak neighborhood expressed concern two weeks ago at a community meeting about sexual predators being involved with the Center, Meza said.

Meza explained that in reality many

day workers are parents themselves.

"As a father of two daughters, I have the same concerns. I want to protect them," he said.

Tony Cruz, of Santa Cruz, expressed dismay at neighbors seeming so sure day workers will cause trouble.

"We're old enough not to put ourselves in those situations," he said, "because our liberty means too much to us. We're not looking for trouble. We are looking for work. We want to pay our bills and support our families."

Cruz estimated the age of a typical day worker to be between 30 and 75 years old, and many of them are raising children.

Day worker Elizabeth Tapia, of Live Oak, said, "One of the most difficult things for us is that we don't know a lot about our rights, so sometimes we make mistakes. If we have a Center where they teach us what our responsibilities and rights are, then we become better citizens."

Now that an appeal has been filed, the next step will be for a hearing to take place with the Planning Commission. The Commission's decision can be appealed to the Board of Supervisors.

The Commission's meeting will make a decision whether or not to uphold the Zoning Administrator's approval of the Center's permit. ■

Capitola's Local Hazards Mitigation Plan

by Joel Hersch

In response to the flooding in Capitola last year, the city is preparing a Local Hazards Mitigation Plan (LHMP). Its purpose is to identify facilities and infrastructure that are critical to the community, determine their degree of vulnerability to natural disasters and assess the funding required to improve them.

Once the plan is complete, Capitola will become eligible to receive federal funding for assistance under FEMA, said Carolyn Flynn, who does grant writing and coordination for the city. She is also serving as the LHMP coordinator.

In order to carry out the LHMP, Capitola applied for and received a Disaster Recovery Initiative grant, which will cover the assessment of the city's critical facilities, she said.

The grant provides \$250,000 to produce the plan, said City Manager Jamie Goldstein.

"The plan puts the city in a position to obtain funding for improvements to avoid hazards in the future," he said.

Flynn explained that because the city has already experienced a natural disaster, Capitola is in a much better position to apply for disaster-related federal funding, and also to receive the planning grant.

The city is now in the process of identifying and making a list of the critical facilities for which they can

request federal funding, she said. The assessment plan focuses on vital facilities in the community and government response plans during a disaster.

The natural hazards that have been identified so far include earthquake, flood, sea level rise and climate change, coastal erosion and bluff failure, drought, hazardous materials, landslide and mudflow, tsunami, wildfire and windstorm, Flynn said.

The list is still being finalized, but examples of critical facilities vulnerable in Capitola that have been identified so far include the police station, the Central Fire Station, City Hall, Jade Street Park (which serves as an emergency shelter), and the Stockton Avenue Bridge.

The total list of critical facilities so far is about 18, Flynn said. Ultimately those facilities and infrastructure will be mapped and overlaid with hazards maps.

"We will have a draft of the plan with a map showing critical facilities sometime in July," Flynn said.

After the city has finished the evaluation, the second step is to complete the LHMP and have it approved by FEMA, Flynn said. Once the city has an approved LHMP, all of the critical structures identified in the plan will become eligible for federal disaster preparedness grants and loans.

There will be an introductory briefing on the LHMP at a community meeting to be held at Jade Street Park on Saturday, May 12, at 9:30 a.m. ■

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City of Capitola

NEWS RELEASE

Attention: Editors

For Immediate Release

April 13, 2012

Contact: Susan Westman
Interim Community Development Director
(831) 475-7300
swestman@ci.capitola.ca.us

Increasing Response to Natural Hazards in the City of Capitola

In response to the March 2011 flood events, **the City of Capitola has embarked upon a process to prepare Capitola's first Local Hazard Mitigation Plan.** This plan will identify natural hazards throughout the City and surrounding areas that could potentially affect the City and its residents. The plan will also include an assessment of critical facilities vulnerable to these hazards and potential actions needed to reduce these risks and avoid future damage. This effort is possible due to a Disaster Recovery Initiative grant the City has received.

There will be an **introductory briefing on Capitola's Local Hazard Mitigation Planning effort at an upcoming community meeting for the City Hall/Pacific Cove Special Study Area, 9:30 am, Saturday May 12, 2012, at Jade Street Park.** This May 12th meeting is part of the General Plan Update, and the goal is to develop an overall community vision for the City Hall/Pacific Cove site, including parking issues, and the relocation of first responders, particularly Police out of the flood plain.

The City welcomes citizen participation to ensure development of a strong mitigation strategy. An online public opinion survey has been set up for the public to concerns and get on the list to be informed of future opportunities to participate in the planning process. The complete draft plan will be posted for public review and comment this summer.

The Survey can be found online at: <http://www.surveymonkey.com/s/CapitolaHMP>

Although the plan enables the City to be eligible for various assistance grants, the plan's value lies in the identification of hazards and assessment of the community's vulnerability to these hazards. It helps emergency managers and residents better prepare for disasters.

RBF Consulting has been hired to assist the City in the preparation of the plan and has initiated the work effort with the City's Local Hazard Mitigation Plan Technical Advisory Committee, which is comprised of City Staff, County, State, and Federal Agencies and Jurisdictions, and Emergency Response/ Recovery Organizations.

For additional information or questions, please direct your inquiries to Susan Westman, Interim Community Development Director, at swestman@ci.capitola.ca.us or 831-475-7300.



City of Capitola

NEWS RELEASE

Attention: Editors

For Immediate Release

April 26, 2012

Contact: Susan Westman
Interim Community Development Director
(831) 475-7300
swestman@ci.capitola.ca.us

PUBLIC INVITED TO ATTEND WORKSHOP ON CITY HALL/PACIFIC COVE SITE

The City of Capitola is inviting all residents to attend a workshop focusing on the future of the City Hall and Pacific Cove site as part of the General Plan Update. Resident participation in this workshop will help to ensure that the updated General Plan represents a true community-based vision for the future of this important area in Capitola.

This workshop will begin at 9:30 on Saturday morning, May 12, at the Capitola Community Center, 4400 Jade Street. At this workshop participants will learn about key issues, opportunities, and constraints relating to:

- Future use of the Pacific Cove mobile home park
- Expanded parking to serve Capitola Village
- Possible relocation of City Hall and Capitola Police facilities away from flood prone areas.

Following an introductory presentation, participants will work in small groups to develop a vision for the future use of the City Hall/Pacific Cove site. Public input at this workshop will become the basis for a land use and design concept for the site that will be incorporated into the General Plan. We expect the workshop will conclude at approximately 12:30 p.m. Refreshments will be served.

Additional details on the General Plan Update can be found at the project website, www.plancapitola.com.

Thursday, May 17, 2012

SANTA CRUZ, CA | Now: 68°F | High: 62°F | Low: 45°F | 5-Day Forecast

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Capitola seeks input on use of Pacific Cove, City Hall

By JONDI GUMZ - Santa Cruz Sentinel
Posted: 05/08/2012 03:35:58 PM PDT

CAPITOLA - The City of Capitola is inviting residents to attend a Saturday workshop focusing on the future of the City Hall and Pacific Cove site as part of the General Plan update. This workshop will begin at 9:30 a.m. at the Capitola Community Center, 4400 Jade St.

Resident participation will help to ensure that the updated General Plan represents a true community-based vision for the future of this important area in Capitola, according to interim community development director Susan Westman.

Those who attend will learn about key issues, opportunities, and constraints relating to:

- Future use of the Pacific Cove mobile home park.
- Expanded parking to serve Capitola Village.
- Possible relocation of City Hall and Capitola Police facilities away from flood prone areas.

Following an introductory presentation, participants will work in small groups to develop a vision for the future use of the City Hall/Pacific Cove site. Public input will become the basis for a land use and design concept for the site that will be incorporated into the newest version of the General Plan.

A survey of 300 voters this year found they rated relocation of the police station out of the flood zone a lower priority than improving the city's overall fiscal condition. Last year's flooding in Pacific Cove Mobile Home Park and Capitola Village temporarily closed the police station and cleanup efforts depleted the city's treasury.

In response to the March 2011 flood, the city is developing Capitola's first Local Hazard Mitigation Plan with funding from a disaster recovery initiative grant.

RBF Consulting has been hired to help prepare the plan, which will identify natural hazards that could affect residents, assess facilities vulnerable to these hazards and actions needed to reduce these risks. A briefing is planned as part of Saturday's meeting.

City manager Jamie Goldstein is seeking input about from community members on actions the city can take to address future flood, earthquake and other natural hazards. An online survey has been posted at <http://www.surveymonkey.com/s/CapitolahMP>.

The hazard mitigation plan will make the city eligible for assistance grants. A draft is expected to posted for public comment this summer.

Westman said she expects Saturday's workshop will conclude about 12:30 p.m. Refreshments will be served. Additional details on the general plan update can be found at www.plan Capitola.com.

Follow Sentinel reporter Jondi Gumz on Twitter: [@jondigumz](https://twitter.com/jondigumz)

IF YOU GO


Workshop on future of City Hall and Pacific Cove Mobile Home Park site


WHERE: 9:30 a.m. to 12:30 p.m. Saturday


WHERE: Community Center, 4400 Jade St. Capitola


INFORMATION: www.surveymonkey.com/s/CapitolahMP and www.plan Capitola.com

From Santa Cruz County Breaking News

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7. Letter from Ken Vinson, husband of the late Shannon Collins
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CAPITOLA SOQUEL TIMES

COMMUNITY NEWS THAT MAKES A DIFFERENCE

Vol 17 No. 5

Public Invited to Attend 'Future of Capitola' Workshop

The City of Capitola is inviting all residents to attend a workshop focusing on the future of the City Hall and Pacific Cove site as part of the General Plan Update. Resident participation in this workshop will help to ensure that the updated General Plan represents a true community-based vision for the future of this important

area in Capitola.

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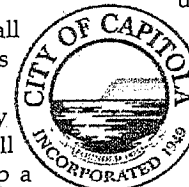
- Future use of the Pacific Cove mobile home park

- Expanded parking to serve Capitola Village
- Possible relocation of City Hall and Capitola Police facilities away from flood prone areas.

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workshop will become the basis for a land use and design concept for the site that will be incorporated into the General Plan. We expect the workshop will conclude at approximately 12:30 p.m. Refreshments will be served.

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Community News

Responding to Natural Hazards in the City of Capitola

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For additional information or questions, please direct your inquiries to Susan Westman, Interim Community Development Director, at swestman@ci.capitola.ca.us or 831-475-7300.

