

CITY of LAGUNA WOODS HAZARD MITIGATION & CLIMATE CHANGE COMMITTEE AGENDA

Regular Meeting
Wednesday, January 27, 2016
9:30 a.m.

Laguna Woods City Hall
24264 El Toro Road
Laguna Woods, California 92637



Welcome to a meeting of the Hazard Mitigation & Climate Change Committee!

Public Comments: Persons wishing to address the Committee are requested to complete and submit a speaker card to City staff. Speaker cards are available near the entrance to the meeting location. Persons wishing to address the Committee on an item appearing on this agenda will be called upon at the appropriate time during the item's consideration. Persons wishing to address the Committee on an item *not* appearing on the agenda will be called upon during the "Public Comments" item. Persons who do not wish to submit a Speaker Card, or who wish to remain anonymous, may indicate their desire to speak from the floor. Speakers are requested, but not required, to identify themselves.

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REGULAR MEETING SCHEDULE

The Laguna Woods Hazard Mitigation & Climate Change Committee regularly meets on the fourth Wednesdays of January, April, and October at 9:30 a.m.

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AFFIDAVIT OF POSTING

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I, Yolie Trippy, Deputy City Clerk, City of Laguna Woods, hereby certify under penalty of perjury that this agenda was posted at Laguna Woods City Hall, 24264 El Toro Road, Laguna Woods, California 92637; on the City's website (www.cityoflagunawoods.org); and, at other locations designated by Resolution No. 02-33, pursuant to California Government Code Section 54954.2 of the Ralph M. Brown Act.


YOLIE TRIPPY, Deputy City Clerk

1-22-16
Date

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. PLEDGE OF ALLEGIANCE**
- IV. PUBLIC COMMENTS**

About Public Comments: This is the time and place for members of the public to address the Hazard Mitigation & Climate Change Committee on items *not* appearing on this agenda. Pursuant to State law, the Committee is unable to take action on such items, but may engage in brief discussion, provide input to City staff, or request that items be scheduled for consideration at future meetings.

- V. COMMITTEE BUSINESS**

- 5.1 Committee Minutes

- Recommendation:* Approve the Hazard Mitigation & Climate Change Committee meeting minutes for the November 4, 2015 special meeting.

- 5.2 Regulations Requiring Emergency Backup Generators for New and Redeveloped Fuel Stations – Local Hazard Mitigation Project C

- Recommendation:* Discuss and provide input to staff.

- 5.3 National Flood Insurance Program (NFIP) Community Assistance Visit – Local Hazard Mitigation Project J

- Recommendation:* Discuss and provide input to staff.

- 5.4 Fiscal Year 2016-17 Budget & Work Plan – Potential Hazard Mitigation and Climate Change-Related Work Plan Items

- Recommendation:* Discuss and provide input to staff.

- VI. ADJOURNMENT**

Next Regular Meeting:

Wednesday, April 27, 2016 at 9:30 a.m.
Laguna Woods City Hall
24264 El Toro Road, Laguna Woods, California 92637

**CITY OF LAGUNA WOODS CALIFORNIA
HAZARD MITIGATION & CLIMATE CHANGE COMMITTEE MINUTES
SPECIAL MEETING
November 4, 2015
9:30 A.M.
City Council Chambers
24264 El Toro Road
Laguna Woods, California 92637**

I. CALL TO ORDER

The Special Meeting of the Hazard Mitigation & Climate Change Committee was called to order at 9:30 a.m.

II. ROLL CALL

COMMITTEE MEMBERS: PRESENT: Brauer, Chodash, Horne, Malone, Mathews, Watkins
ABSENT: Walsh

STAFF PRESENT: City Manager Macon, Deputy City Clerk Trippy

III. PLEDGE OF ALLEGIANCE

Committee Member Watkins led the pledge of allegiance.

IV. PUBLIC COMMENTS

None

V. COMMITTEE BUSINESS

5.1 Committee Minutes

Moved by Vice Chair Mathews, seconded by Committee Member Brauer, and carried on a 6-0 vote, to approve the Hazard Mitigation & Climate Change Committee meeting minutes for the April 22, 2015 regular meeting.

5.2 Regulations Requiring Emergency Backup Generators for New and Redeveloped Fuel Stations – Local Hazard Mitigation Project C

City Manager Macon discussed and solicited input on potential regulations requiring emergency backup generators for new and redeveloped fuel stations.

Committee members expressed consensus on the following:

- Applying regulations to all fuel stations, including private fuel stations;
- Requiring generators to have a minimum backup capacity of 48-hours;
- Requiring generators to be installed upon construction of new fuel stations;
- Requiring generators to be installed within two years for existing fuel stations;
- Maintaining the City's existing noise standards for generators; and
- Not providing hardship extensions or exemptions for affected fuel stations.

5.3 Regulations Prohibiting the Presence of Invasive Plant Species – Local Hazard Mitigation Project F

City Manager Macon discussed changes in State law (the California Seed Law) that have complicated the completion of Local Hazard Mitigation Project F and recommended that Project F be deferred until such time as additional guidance is provided by the State. The California Seed Law requires that cities obtain the consent of the Secretary of Food and Agriculture prior to adopting or enforcing ordinances that regulate plants, crops, or seeds. No such consent process currently exists.

Moved by Committee Member Brauer, seconded by Committee Member Malone, and carried on a 6-0 vote, to recommend that the City Council remove the adoption of invasive plant species regulations from its work plan for Fiscal Year 2015-16.

5.4 National Flood Insurance program (NFIP) Community Assistance Visit – Local Hazard Mitigation Project J

City Manager Macon noted that the Federal Emergency Management Agency (FEMA) has completed its field work related to the Community Assistance Visit and is currently drafting its report. City Manager Macon responded to questions from Committee members and stated that additional information will be provided once the report is issued.

VI. ADJOURNMENT

The meeting was adjourned at 10:48 a.m. The next regular meeting will be at 9:30 a.m. on Wednesday, January 27, 2016 at Laguna Woods City Hall, 24264 El Toro Road, Laguna Woods, CA 92637.

Approved: January 27, 2016

YOLIE TRIPPY, Deputy City Clerk

HAL HORNE, Chair

Table 3-3: Mitigation Action Items (5 Year Plan)

<i>Description</i>	<i>Lead Department</i>	<i>Hazards</i>	<i>Priority</i>	<i>Timeframe</i>
GOAL 1: Minimize impacts to individuals in hazard areas.				
Objective 1.1: Adopt and enforce regulations pertaining to new and existing structures.				
Project A: Review and update building-related ordinances and policies, as necessary.	Community Development	All Hazards	High	As necessary
Project B: Review and update zoning-related ordinances and policies, as necessary.	Community Development	All Hazards	High	As necessary
Project C: Adopt an ordinance requiring emergency backup generators for new and redeveloped fuel stations and cellular telephone towers.	Public Safety	Energy Shortages	High	FY 2014-15
Objective 1.2: Implement resource and property protection and improvement projects.				
Project D: Develop and implement plans, projects, and programs that reduce energy use and meet critical energy supply needs during emergencies.	Public Works	Energy Shortages	High	Ongoing
Project E: Develop and implement plans, projects, and programs that reduce water use and augment local water supplies (e.g., capture/reuse).	Public Safety, Public Works	Water Shortages	Medium	Ongoing
Project F: Adopt an ordinance prohibiting invasive plant species from existing within the City.	Public Safety	Floods and Storms ¹	Medium	FY 2014-15
Project G: Develop and implement localized flood reduction projects (e.g., culverts and detention basins).	Public Safety, Public Works	Floods and Storms	Medium	To be determined
Project H: Maintain defensible space for wildfires throughout the wildland-urban interface area.	Public Works	Wildfires and Urban Conflagrations	High	Annually
Objective 1.3: Participate in the National Flood Insurance Program (NFIP).				
Project I: Comply with National Flood Insurance Program (NFIP) regulations.	Community Development	Floods and Storms	Medium	Ongoing

<i>Description</i>	<i>Lead Department</i>	<i>Hazards</i>	<i>Priority</i>	<i>Timeframe</i>
Project J: Participate in and implement findings of NFIP Community Assistance Visits, triennially.	Community Development, Public Safety	Floods and Storms	Medium	Triennially
Project K: Perform local floodplain assessments to improve the accuracy of maps used in the NFIP.	Public Safety	Floods and Storms	Medium	To be determined
Objective 1.4: Increase local understanding and awareness of hazard conditions.				
Project L: Enhance the local specificity and estimative accuracy of Hazus analyses.	Public Safety	Earthquakes, Floods and Storms	High	In conjunction with Project BB
Project M: Develop and implement volunteer and community education programs and projects with a focus on risk awareness and hazard mitigation.	Public Safety	All Hazards	High	Ongoing
GOAL 2: Maximize the effectiveness of public services during emergencies.				
Objective 2.1: Ensure the security, reliability, and functionality of critical City facilities.				
Project N: Retrofit City Hall in accordance with federal hazard-resistance guidance [e.g., FEMA 310 (ASCE 31), FEMA 356 (superseded by ASCE 41)].	Public Safety, Public Works	Earthquakes, Floods and Storms, Terrorism	High	To be determined
Project O: Install an emergency backup generator for City Hall and the Emergency Operations Center.	Public Safety, Public Works	All Hazards	High	FY 2013-14
Project P: Design and construct a permanent Emergency Operations Center for the City.	Public Safety, Public Works	All Hazards	High	To be determined
Project Q: Improve emergency backup capabilities for City traffic control and management devices.	Public Works	Energy Shortages	High	To be determined
Project R: Develop and implement plans, projects, and programs that reduce energy use by City facilities and meet critical energy supply needs during emergencies.	Public Works	Energy Shortages	High	Ongoing
Project S: Develop and implement plans, projects, and programs that reduce water use at City facilities and augment local water supplies (e.g., capture/reuse).	Public Safety, Public Works	Water Shortages	Medium	Ongoing

<i>Description</i>	<i>Lead Department</i>	<i>Hazards</i>	<i>Priority</i>	<i>Timeframe</i>
Objective 2.2: Implement rapid, reliable, and redundant communications systems.				
Project T: Operate a mass notification system for rapid communication during emergencies.	Public Safety	All Hazards	High	Ongoing
Project U: Increase emergency communications capabilities between internal and external coordination points (e.g., shelters, key service providers).	Public Safety	All Hazards	High	Ongoing
Objective 2.3: Provide for continuity of the City's "day-to-day" operations.				
Project V: Develop and implement a Continuity of Operations Plan (COOP) for City services.	City Manager's Office	All Hazards	High	FY 2015-16
Objective 2.4: Build internal emergency services-related capabilities.				
Project W: Train staff in emergency services functions [e.g., the National Incident Management System (NIMS), Standardized Emergency Management System (SEMS), Incident Command System (ICS), and Cal EMA Safety Assessment Program (SAP)].	Public Safety	All Hazards	High	Ongoing
Project X: Develop and implement systems to access and manage critical information during emergencies.	City Manager's Office	All Hazards	High	Ongoing
Objective 2.5: Develop relationships with private and nonprofit entities.				
Project Y: Develop memoranda of understanding (MOUs) for emergency reception centers, shelters, and points of dispensing (PODs).	Public Safety	All Hazards	High	To be determined
Project Z: Develop MOUs for emergency provisions (e.g., food, water, and generator fuel).	Public Safety	All Hazards	High	To be determined
GOAL 3: Sustain local hazard mitigation efforts.				
Objective 3.1: Fulfill state and federal plan maintenance requirements				

Description	Lead Department	Hazards	Priority	Timeframe
Project AA: Conduct annual monitoring and maintenance of the Local Hazard Mitigation Plan.	Public Safety	All Hazards	High	Annually
Project BB: Update the Local Hazard Mitigation Plan at least once every five years, including integration into the City's General and Capital Improvement Plans.	Public Safety	All Hazards	High	No later than December 2017

¹ Excerpt from the California Department of Fish and Wildlife's Invasive Species Program website:

"Californians have benefited from the introduction of plant and animal species necessary for food or other human pursuits; however, there are many other introduced species that can wreak havoc on the state's environment and economy. Those species that cause harm and once established, spread quickly from their point of introduction are often called "invasive."

Invasive species threaten the diversity or abundance of native species through competition for resources, predation, parasitism, interbreeding with native populations, transmitting diseases, or causing physical or chemical changes to the invaded habitat. Through their impacts on natural ecosystems, agricultural and other developed lands, water delivery and flood protection systems, invasive species may also negatively affect human health and/or the economy. Examples of direct impact to human activities include the clogging of navigable waterways and water delivery systems, weakening flood control structures, damaging crops, introducing diseases to animals that are raised or harvested commercially, and diminishing sportfish populations.

A large population of an invasive species can start from a very small number of individuals, and those individuals can be difficult to see, so they may easily go unnoticed. The tiny young of invasive shellfish or insects, a fragment of an aquatic weed or a single plant ready to release its seeds can be enough to start off a population that will ultimately become a multimillion dollar headache for the state. However these populations do not grow from a few individuals to damaging levels overnight, and if populations are detected early enough, there is a good likelihood that they can be eliminated before they cause damage and huge population control costs. Early detection and rapid response are the most effective and cost efficient responses to invasive species, after prevention."

<http://www.dfg.ca.gov/invasives/>

Retrieved February 27, 2013

FOR GENERAL REFERENCE
(Climate Adaptation Plan)

Work Plan

Table 7: Work Plan Key

Cost			Coordination		
\$	Medium-low (\$25,000–\$49,999)	Medium-high (\$50,000–\$99,999)	High (\$100,000 or more)		 Medium
Low (less than \$25,000)				Low	High

Table 8: Work Plan

Implementation Action	Costs and Coordination		Potential Funding Sources	Other Local Actions Implemented	Status/Effectiveness
1.1.1: Amend the Emergency Operations Plan to include an Extreme Heat Annex.	One-time costs	\$	General Fund; grants for disaster preparedness, climate adaptation, public health, etc.	LHMP: Projects M, U, W, Y and Z Safety Element: Goals S-4 and S-5	
	Ongoing costs	\$			
	Coordination				
1.1.2: Adopt development standards to mitigate urban heat island effects.	One-time costs	\$	General Fund	LHMP: Projects A, B, and M Safety Element: Goals S-4 and S-5	
	Ongoing costs	\$			

Implementation Action	Costs and Coordination		Potential Funding Sources	Other Local Actions Implemented	Status/Effectiveness
1.2.1: Amend the Emergency Operations Plan to include a Wildfire Air Quality Annex.	Coordination		General Fund; grants for disaster preparedness, climate adaptation, public health, etc.	LHMP: Projects M, U, W, Y, and Z Safety Element: Goals S-1 and S-5	
	One-time costs	\$			
	Ongoing costs	\$			
	Coordination				
1.2.2: Review and amend landscape and property maintenance standards to continue to mitigate the potential for wildfire propagation into developed areas.	One-time costs	\$	General Fund; grants for disaster preparedness, climate adaptation, public health, etc.	LHMP: Projects A, B, and H Safety Element: Goal S-1	
	Ongoing costs	\$			
	Coordination				
	One-time costs	\$			
2.1.1: Develop a protocol for monitoring electricity use.	One-time costs	\$	General Fund	LHMP: Projects D and M Safety Element: Goals S-4 and S-5	
	Ongoing costs	\$			
	Coordination				
	One-time costs	\$			

Implementation Action	Costs and Coordination			Potential Funding Sources	Other Local Actions Implemented	Status/Effectiveness
2.1.2: Streamline development and permitting standards and programs to encourage renewable energy technologies and energy efficiency improvements.	One-time costs	\$\$\$		General Fund; grants for energy independence and renewable energy, sustainability, climate adaptation, etc.	LHMP: Projects A, B, and D Safety Element: Goal S-4	
	Ongoing costs	\$				
	Coordination		👤			
2.1.3: Join one or more Property Assessed Clean Energy (PACE) programs.	One-time costs	\$		General Fund	LHMP: Projects D and R Safety Element: Goal S-4	
	Ongoing costs	\$				
	Coordination		👤			
2.2.1: Review and amend development and permitting standards to reduce potable water consumption.	One-time costs	\$\$		General Fund; grants for water conservation, sustainability, climate adaptation, etc.	LHMP: Projects A, B, and E Safety Element: Goal S-4	
	Ongoing costs	\$				
	Coordination		👤			

Implementation Action	Costs and Coordination			Potential Funding Sources	Other Local Actions Implemented	Status/Effectiveness
2.2.2: Join one or more Property Assessed Clean Energy (PACE) programs.	One-time costs		\$	General Fund	LHMP: Projects D and S Safety Element: Goal S-4	
	Ongoing costs		\$			
	Coordination		👤			
2.3.1: Manage the City's urban forest and landscaping in a changing climate.	One-time costs		\$\$\$	General Fund; grants for energy independence and renewable energy, sustainability, climate adaptation, etc.	LHMP: Projects M, R, and S Safety Element: Goals S-4 and S-5	
	Ongoing costs		\$			
	Coordination		👤			
2.3.2: Develop and implement municipal renewable energy technology and energy efficiency improvement projects.	One-time costs		—	General Fund; grants for energy independence and renewable energy, sustainability, climate adaptation, etc.	LHMP: Projects M and R Safety Element: Goals S-4 and S-5	
	Ongoing costs		\$\$\$\$			
	Coordination		👤👤			
2.3.3: Provide and facilitate public education opportunities regarding energy and water conservation, efficiency, and independence.	One-time costs		—	General Fund; grants for energy independence and renewable energy, water conservation, community engagement and outreach, sustainability, climate adaptation, etc.	LHMP: Project M Safety Element: Goal S-5	
	Ongoing costs		\$			

Implementation Action	Costs and Coordination		Potential Funding Sources	Other Local Actions Implemented	Status/Effectiveness
	Coordination				
3.1.1: Incorporate climate adaptation into long-range planning documents.	One-time costs	\$	General Fund; grants for energy independence and renewable energy, water conservation, community engagement and outreach, sustainability, climate adaptation, etc.	Safety Element: Goal S-5	
	Ongoing costs	\$			
	Coordination				
3.2.1: Participate in climate adaptation forums and events.	One-time costs	\$	General Fund; forum and event sponsorships; grants for climate adaptation, etc.	Safety Element: Goals S-4 and S-5	
	Ongoing costs	\$			
	Coordination				
3.2.2: Support legislation that would assist communities with efforts to adapt to a changing climate.	One-time costs	—	General Fund	Safety Element: Goal S-5	
	Ongoing costs	\$			
	Coordination				

Implementation Action	Costs and Coordination		Potential Funding Sources	Other Local Actions Implemented	Status/Effectiveness
3.3.1: Conduct annual monitoring of this Climate Adaptation Plan.	One-time costs	—	General Fund; grants for sustainability, climate adaptation, etc.	Safety Element: Goal S-5	
	Ongoing costs	\$			
	Coordination	1			
3.3.2: Update this Climate Adaptation Plan concurrent with the City's Local Hazard Mitigation Plan.	One-time costs	\$\$	General Fund; grants for sustainability, climate adaptation, etc.	Safety Element: Goal S-5	
	Ongoing costs	—			
	Coordination	3			