COUNTY OF LOS ANGELES REPTITIVE LOSS AREA ANALYSIS PROGRESS REPORT





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County of Los Angeles Repetitive Loss Area Analysis 2021-22 Annual Progress Report

REPORTING PERIOD: June 15, 2021, to June 14, 2022

BACKGROUND

The County of Los Angeles participates in the National Flood Insurance Program (NFIP) administered by the Federal Emergency Management Agency (FEMA) and in the NFIP's Community Rating System (CRS). In compliance with the NFIP, the County of Los Angeles prepared an updated Comprehensive Floodplain Management Plan, which is an overall strategy of programs, projects, and measures aimed at reducing the adverse impact of flood hazards in the community.

The County of Los Angeles also prepared a Repetitive Loss Area Analysis (RLAA). FEMA defines a repetitive loss property as any insurable building for which two or more claims of more than \$1,000 were paid by the NFIP within any rolling 10-year period, since 1978. A repetitive loss area is an assessment of properties nearby that are not identified by FEMA as Repetitive Loss Properties. The repetitive loss area outlines and assesses the areas that may be exposed to similar flood risks, the likely sources of flooding, and possible mitigation measures to reduce the risk from flood events. Repetitive loss areas were determined using a reverse of the depth-damage-function to determine the floodwater elevation and the possible extent of the flood hazard. The local drainage conditions were then considered to determine which of these neighboring properties may be susceptible to damage by that flood.

PURPOSE

The purpose of this progress report is to provide an annual update on the implementation of the action plan identified in the Los Angeles County Repetitive Loss Area Analysis. The objective is to ensure there is a continuing and responsive planning process that will keep the repetitive loss areas and related outreach efforts dynamic and responsive to the needs and capabilities of the County of Los Angeles and stakeholders. This report discusses the following:

- Review of the action plan
- Implementation status of action plan
- o Recommendations for changes/enhancement

REPETITIVE LOSS AREA ANALYSIS PROGRESS

Summary Overview of the Action Plan's Progress: The RLAA was created in conjunction with the development of the updated Comprehensive Floodplain Management Plan (FMP). The updated Comprehensive FMP identified and prioritized an action plan that had a direct relevance to the RLAA. The 37 flood hazard mitigation initiatives identified in the FMP's action plan were adapted to apply to the RLAA's action plan

The FMP Steering Committee, made up of stakeholders within the planning area, reviewed and approved the annual progress report for the FMP at a meeting held on July 12, 2022. The FMP and the FMP progress report for 2021-22 are available at the following website:

https://dpw.lacounty.gov/wmd/nfip/fmp/

The RLAA was adopted by the County of Los Angeles Board of Supervisors on June 15, 2021. Although a formal update is required every 5 years, the plan can be adjusted as needed during this period. The RLAA identified 37 flood hazard mitigation initiatives to be pursued during the 5-year performance period. As of the end of this reporting period, the mitigation initiatives identified in the plan are considered to be 70 percent complete. As of this reporting period, the overall progress is as follows:

- 14 out of 37 initiatives (35.1 percent) reported ongoing action toward completion.
- 22 out of 37 initiatives (59.5 percent) were reported as being complete, continue to implement as necessary.
- 1 out of 37 initiatives (5.4 percent) reported no action taken.

Review of the Action Plan: Table 1 reviews the action plan, reporting the status of each initiative. Reviewers of this report should refer to the RLAA for more detailed descriptions of each initiative and the prioritization process.

	TABLE 1 ACTION PLAN MATRIX				
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O, ✓)		
Initiative No	. 1 — Pro	mote awareness of flood hazards to residents in repetitive loss areas.			
Yes	High	In December 2021, County of Los Angeles Public Works (Public Works) mailed 235 letters with links to County of Los Angeles and FEMA publications to all Repetitive Loss Properties (RLP) and properties in the Repetitive Loss Areas (RLA). Additionally, Public Works distributed the publications to public libraries in the following locations: Castaic, Lancaster, Malibu, Quartz Hill, and Topanga. In November 2021, Public Works mailed 3,224 copies of "Are You Prepared for A Flood?" brochure to property owners and residents in Special Flood Hazard Areas, County Floodways, and areas with possible gaps in floodplain mapping within unincorporated County of Los Angeles. The County of Los Angeles' National Flood Insurance Program (NFIP) website links were updated.	√		
		elop and distribute flood protection information and materials to property ow re loss areas.	rners, renters, and		
Yes	High	In November 2021, Public Works mailed 3,224 copies of "Are You Prepared for A Flood?" brochure to property owners and residents in Special Flood Hazard Areas, County Floodways, and areas with possible gaps in floodplain mapping. Additionally, links to County of Los Angeles and FEMA publications were included in the letters mailed to all property owners, and residents in Repetitive Loss Properties (RLP) and properties in the Repetitive Loss Areas (RLA).	✓		
		ntain a list of critical facilities located in FEMA-designated flood zones, provious of these critical facilities, and encourage the implementation of flood prot			
Yes	High	In October 2021, Public Works mailed letters and outreach materials to owners of critical facilities located in FEMA-designated Special Flood Hazard Areas. Critical facilities that received outreach materials include schools, fire stations, and health care facilities.	✓		
		stigate Repetitive Loss Properties identified by FEMA and update the Repeti	tive Loss Property		
• Pro	vide techn	y owners regarding local flood hazards and proper protection activities iical advice regarding flood protection and flood preparedness evised questionnaire to new Repetitive Loss Properties			
Yes	High	Public Works performs field visits to all RLP and RLA properties a minimum of once every five years. In December 2021, 235 letters were mailed with links to FEMA and County of Los Angeles publications to all property owners and residents in RLP and RLA properties.	О		
O =	Project Co Action on	end: completed, continue to implement as necessary going toward completion ess at this time			

the availability of t	Make sandbags available to RLA property owners during the wet season, provhese materials, and track the distribution of the materials. Public Works provides sandbags to the Los Angeles County Fire Department for distribution to residents through over 160 local Fire Stations. Demand for sandbags varies from year to year. For the 2021-22 storm season, 42,462 sandbags were distributed to the Los Angeles County Fire Department. Public Works currently maintains over 750,000 sandbags for distribution. Public Works also maintains a website where residents can search for the nearest location to obtain sandbags: http://dpw.lacounty.gov/dsg/sandbags/ Provide public education about maintaining the stormwater system free of debr	✓
the availability of the Yes High	Public Works provides sandbags to the Los Angeles County Fire Department for distribution to residents through over 160 local Fire Stations. Demand for sandbags varies from year to year. For the 2021-22 storm season, 42,462 sandbags were distributed to the Los Angeles County Fire Department. Public Works currently maintains over 750,000 sandbags for distribution. Public Works also maintains a website where residents can search for the nearest location to obtain sandbags: http://dpw.lacounty.gov/dsg/sandbags/	✓
Initiative No. 6 —	Department for distribution to residents through over 160 local Fire Stations. Demand for sandbags varies from year to year. For the 2021-22 storm season, 42,462 sandbags were distributed to the Los Angeles County Fire Department. Public Works currently maintains over 750,000 sandbags for distribution. Public Works also maintains a website where residents can search for the nearest location to obtain sandbags: http://dpw.lacounty.gov/dsg/sandbags/	
i	Provide public education about maintaining the stormwater system free of debr	
Yes High	r tovide public education about maintaining the stormwater system nee of debi	is.
Completion status	In an effort to educate the public and promote behavioral change to prevent stormwater pollution, Public Works implements the Public Information and Participation Program that addresses water quality priorities and stormwater management program priorities. In addition, Public Works continues water education through their Water for LA (www.WaterForLA.com) platform, to provide trusted information to the residents of LA County and inspire them to reevaluate their relationship with water. As part of the Water for LA countywide water educational program, Public Works conducts social media and email outreach to residents and businesses across LA County and implements paid media outreach campaigns consisting of digital display, video, radio, print, and out-of-home ads. Stormwater pollution prevention topics included instructions for properly disposing of household hazardous waste as well as tips on how to reduce pollutants such as pesticides, litter, and other common household chemicals. Other ongoing outreach efforts include: • School education outreach programs, Environmental Defenders (K-5th grade) and Generation Earth (6-12th grade) • Used Motor Oil and Oil Filter Campaign • Household Hazardous and Electronic Waste Program • Smart Gardening Program	

X = No progress at this time

	TABLE 1 ACTION PLAN MATRIX				
Action Taken? (Yes or No)		Status	Completion Status (X, O,√)		
		ntinue to maintain/enhance the County's classification under the Community od insurance costs and promote safety and preparedness.	Rating System to		
Yes	High	The County of Los Angeles held a CRS class standing of 7 from June 15, 2021 to March 31, 2022. Effective April 1, 2022, the County of Los Angeles holds a CRS class standing of 6. The County continues to maintain and strive to identify activities to help maintain and improve the CRS class rating.	✓		
		lude RLA's in the implementation of the Program for Public Information properties in the implementation of the Program for Public Information properties in the Americans with Disabilities in			
Yes	High	The County of Los Angeles continued implementation of the Program for Public Information. A report detailing the PPI implementation status for the 2021-22 period was approved by the PPI committee on June 23, 2022.	✓		
Initiative No	. 9 — Pro	vide emergency preparedness and flood protection information to the RLA's	S.		
Yes	High	The County of Los Angeles provides emergency and flood protection information to the public through different means including: • A website specifically devoted to emergency announcements currently happening in the county. http://www.lacounty.gov/emergency/ • A website providing emergency preparation information that includes resources, tips, and facts to equip and alert residents on how to best respond to emergencies and recover from disasters: https://ready.lacounty.gov/ • The County of Los Angeles Chief Executive Office - Office of Emergency Management website features informational resource links to Federal, State, and local government emergency operations departments and agencies, and nongovernmental organizations in the Document Library/Links section: https://ceo.lacounty.gov/emergency-management/. • Various flood hazard videos produced by Public Works and made available through YouTube including: - Storm water safety: https://www.youtube.com/watch?v=5jFl6Z-Ld4w - Swift Water: https://www.youtube.com/watch?v=EcOpX7TGY84 https://www.youtube.com/watch?v=2_oejOP_o_k - Storm season evacuation: https://www.youtube.com/watch?v=gqrr1_o4WYA https://www.youtube.com/watch?v=07BHy2Acq-Q.			
O =	Action on	ompleted, continue to implement as necessary agoing toward completion ess at this time			

	TABLE 1 ACTION PLAN MATRIX			
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O,✓)	
		stribute information to repetitive loss areas regarding flood prevention and and emergency preparedness events.	flood insurance at	
Yes	High	Public Works participated with the US Army Corps of Engineers Whittier Narrow's Tabletop Exercise, and Whittier Narrows Inundation Maps and Emergency Action Plans. Public Works also participated in Department of Water Resources' Castaic and Pyramid Dam exercises.	✓	
Initiative No	. 11 — De	evelop and maintain a list of priority maintenance-related problem sites.		
Yes	High	When Public Works encountered maintenance-related problem sites, Public Works mitigated maintenance-related issues with improvement projects and/or increased maintenance.	✓	
		onduct routine maintenance of flood control facilities and additional maintenatelated flood problem sites.	ance as needed at	
Yes	High	Public Works performed and continues to perform routine inspection and maintenance for approximately 3,400 miles of underground storm drains, 620 miles of open channels, 14 dams, 27 spreading grounds, 500 debris basin and retention inlets, 27 sediment placements sites, 56 pump plants, and 166,000 catch basins.	√	
		Conduct a stormwater facilities condition assessment to identify the physical and to support infrastructure management.	ical and hydraulic	
Yes	High	Public Works' Stormwater Maintenance Division (SWMD) performed routine inspections of Los Angeles County Flood Control District (LACFCD) facilities per SWMD Standard Procedures. During inspections, any deficiencies exceeding LACFCD's Acceptable Maintenance Conditions were noted and corresponding facilities were restored to LACFCD's standards.	✓	
Initiative No	. 14 — Ev	aluate storm drain, open channel, and flood retention basin facilities for futu	re improvements.	
Yes	High	Public Works routinely conducts studies to determine flood hazard risks and evaluate its flood control facilities to identify potential future improvements. The Sun Valley Upper Storm Drain Project is currently under construction and is anticipated to be completed by the end of December 2022. Stormwater from the northern part of the Sun Valley watershed will be collected through a 4.75-mile-long storm drain system and delivered to the future Rory M. Shaw Wetlands Park, in the City of Los Angeles. This wetlands project is a collaborative effort by the Los Angeles County Flood Control District, the City of Los Angeles, and the Sun Valley Watershed Stakeholders Group.	Ο	
O =	Project Co Action on	end: completed, continue to implement as necessary going toward completion ess at this time		

TABLE 1 ACTION PLAN MATRIX					
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O, ✓)		
Initiative No	. 15 — Pu	rsue appropriate flood hazard mitigation grant funding.			
Yes	High	The County of Los Angeles continues to look for opportunities to work with FEMA to identify flood hazard mitigation funding opportunities. Public Works also attended the August 2021 webinar: <i>Technical Assistance and Grant Opportunities for Flood Reduction Benefitting Underrepresented Communities in California</i> .	0		
Initiative No	. 16 — Cc	nsider the conversion of high-risk properties into open space.			
Yes	Medium	Collaboration with owners of high-risk properties to consider the possibility of conversion into open space is consistent with Los Angeles County Public Works' goals to reduce flood risk, improve water conservation and quality, and create recreational opportunities for the County.	0		
Initiative No	. 17 — Re	fine the plan check system to track properties in the flood zone and addres	s drainage.		
Yes	Medium	Public Works has implemented a new plan check database system to better track and address permit requests from properties in flood zones.	✓		
Initiative No		g Repetitive Loss Properties in the plan and check database for review and a	pproval of building		
Yes	High	Public Works has implemented a new plan check database and is developing a system to flag repetitive loss properties for review and approval of building permit applications	0		
	Initiative No. 19 — Maintain a database system for tracking all reviewed and approved elevation certificates prior to the closure of a building permit.				
Yes	High	Public Works has implemented a new plan check database to help track elevation certificates prior to the closure of a building permit.	✓		
√= O=	Completion status legend: ✓= Project Completed, continue to implement as necessary O = Action ongoing toward completion X = No progress at this time				

	TABLE 1 ACTION PLAN MATRIX				
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O,✓)		
Initiative No Yes	. 20 — Ev High	raluate opportunities for incorporating Watershed Ecosystem Restoration in The County of Los Angeles continues to evaluate opportunities for	to projects.		
163		watershed ecosystem restoration. Los Angeles County Public Works is currently working on a multi-benefit project to restore habitat in Bouquet Canyon Creek. The project stretches approximately 8 miles of Bouquet Canyon Creek downstream of Bouquet Reservoir. In 2001, Bouquet Canyon was burned by wildfires. In 2005, major storms on the burned watershed caused significant sediment deposition in the creek. As a result, the creek's flow-carrying capacity has been greatly reduced, which has led to an overall degradation of the habitat along the creek and frequent closures of the adjacent Bouquet Canyon Road. This project aims to restore the habitat in Bouquet Canyon Creek by reestablishing the creek's flow pattern and flow-carrying capacity, to potentially increase fish habitat and replenish the groundwater wells of residents downstream. This will also prevent flow impacts to Bouquet Canyon Road during storm events and water releases from the City of Los Angeles' Bouquet Reservoir.			
		here feasible, cost-effective and supported both publicly and politically, restor floodplains.	ore the natural and		
Yes	Medium	Public Works continues to evaluate opportunities to restore the natural and beneficial floodplain functions. Public Works is maintaining the completed Santa Anita Habitat Mitigation Project. The project created a habitat in an area previously without vegetation and biodiversity. Public Works collaborated with experts in the field of ecology, arboriculture, wildlife biology, landscape architecture, native plant nurseries and native seed collectors.	O		
		ncourage the application of biological resource measures for the control of their applicable limits.	of stormwater and		
Yes	High	The County of Los Angeles enforces Low-Impact Development (LID) for stormwater management by adopting a LID ordinance and creating a LID Standards Manual. LID is an approach to stormwater management that works to mimic the natural hydrology of the site by retaining precipitation on-site to the maximum extent practicable. LID strategies are designed to protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by managing stormwater runoff at or close to the source.	√		
√= O=	ompletion status legend: ✓= Project Completed, continue to implement as necessary O = Action ongoing toward completion X = No progress at this time				

	TABLE 1 ACTION PLAN MATRIX				
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O,✓)		
Initiative No	. 23 — Ma	nintain the Operational Area Emergency Response Plan			
Yes	High	In 2012, the County of Los Angeles Board of Supervisors approved the Operational Area Emergency Response Plan (OAERP). The OAERP conforms to the requirements of the National Incident Management System and the California Standardized Emergency Management System. In 2016, the Los Angeles County OAERP Emergency Public Information Annex was created to establish uniform policies for the effective development, coordination, and dissemination of emergency information to the public in case of technological emergency or disaster. The OAERP is currently being updated by the County of Los Angeles Office of Emergency Management and is estimated to be completed in October 2023.	0		
		laintain standards for the use of structural and nonstructural techniques t stormwater pollution.	that mitigate flood		
Yes	High	Public Works prepared and enforced the 2014 Low Impact Development (LID) Standards Manual, which provides guidance for the implementation of stormwater quality control measures in development projects with the intention of improving water quality and mitigating potential water quality impacts from stormwater and non-stormwater discharges. The LID Standards Manual is currently being updated by Stormwater Quality Division. In addition, Public Works enforces the National Pollutant Discharge Elimination System (NPDES), Best Management Practices for Construction Activities, and requires erosion control sediment plans during the construction phase of residential and commercial projects.	Ο		
	Initiative No. 25 — Continue to require environmental review in the development process to provide for the creation or protection of natural resources that can mitigate the impacts of development.				
Yes	High	The County of Los Angeles Regional Planning performs environmental review for land use planning for unincorporated communities in the County of Los Angeles. Projects that generally require an environmental assessment are plan amendments, zone changes, conditional use permits, tentative parcel maps, and tentative tract maps.	0		
√= O=	Completion status legend: ✓= Project Completed, continue to implement as necessary O = Action ongoing toward completion X = No progress at this time				

		TABLE 1 ACTION PLAN MATRIX	
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O,✓)
	ne (high-ri	 Where appropriate, support retrofitting, purchase, or relocation isk) areas to prevent future structure damage. Give priority to properties 	
Yes	High	Public Works continues to enforce NFIP regulations for building permit applications determined to be Substantial Improvement or repair of Substantial Damage to protect the property owner's investment and safety. Over time, this will reduce the number of buildings exposed to flood risk.	
	ent Plan aı	Use risked-based information from the County of Los Angeles Compreh nd the County of Los Angeles Hazard Mitigation Plan to update the Safe n.	
Yes	High	The current Los Angeles County General Plan was adopted by the County of Los Angeles Board of Supervisors on October 6, 2015.	✓
		The Safety Element of the County's General Plan works in conjunction with the OAERP. The OAERP, prepared by County of Los Angeles Chief Executive Office (CEO) – Office of Emergency Management, strengthens short- and long-term emergency response and recovery capability, and identifies emergency procedures and emergency management routes in the County of Los Angeles. The Los Angeles County Board of Supervisors approved the Department of Regional Planning's General Plan Safety Element Update on July 12, 2022.	
		The Local All-Hazard Mitigation Plan, which provides policy guidance for minimizing threats from natural and manmade hazards in the County of Los Angeles, was updated in July 2020. The new plan used the 2016 County of Los Angeles Floodplain Management Plan and 2015 County of Los Angeles General Plan as resources. A copy of the updated plan is available to view at:	
		https://ceo.lacounty.gov/wp-content/uploads/2022/04/County-of-Los- Angeles-All-Hazards-Mitigation-Plan-APPROVED-05-2020.pdf	
exceed the	minimum participatir	Continue to maintain good standing under the NFIP by implementing programs NFIP requirements. Such programs include enforcing an adopted flood ding in floodplain mapping updates, and providing public assistance and inform pacts.	amage prevention
Yes	High	The County of Los Angeles continues to maintain and strive to identify activities that meet or exceed NFIP requirements and to help improve the CRS class rating.	~
O =	Project C - Action or	gend: ompleted, continue to implement as necessary ngoing toward completion ess at this time	

TABLE 1 **ACTION PLAN MATRIX** Action Completion Taken? (Yes or No) Priority Status Status (X, O, ✓) Initiative No. 29 — Consider the best available data and science to determine probable impacts on all forms of flooding from global climate change when making program enhancements or updates to the County's Floodplain Management Program. Public Works partnered with the United States Department of the Interior Yes High 0 Bureau of Reclamation to prepare a study of the Los Angeles Basin in cooperation with local water agencies and nongovernmental organizations to explore long-term water conservation opportunities and flood risk management impacts from climate change within the Los Angeles Basin. The Los Angeles Basin Study looked at the period from 2010 to 2095 and used state-of-the-art climate change and hydrologic modeling to develop projections of future water supply and demands in the region. The study analyzed the major components of the water conservation and flood protection system such as dams, spreading grounds, and major channel outlets. The hydrologic modeling can be used to estimate future flood events and establish trends that could result from projected climate change. The performance of the flood control infrastructure can also be analyzed using the hydrology modeling results from the study and help determine the probable impacts on flooding from climate change. The Los Angeles Basin Study is available online at: https://www.usbr.gov/watersmart/bsp/docs/fy2017/LABasinStudySummar yReport.pdf Public Works also partnered with the University of California Los Angeles to undertake a study to assist Public Works in evaluating the impact of climate change on Los Angeles County Flood Control District infrastructure. This 2-year study began in May 2020 and is close to completion. UCLA identified almost 50 global climate changes and selected some models to downscale to project on a regional scale different scenarios of temperature rise for mid-century and the end of the century. The study is anticipated to be completed in September 2022. On October 13, 2021, the Los Angeles County Chief Executive Office also released a Climate Vulnerability Assessment which examines the County's social and physical vulnerabilities to climate hazards such as extreme heat, wildfire, and flooding. The assessment is available online at: https://ceo.lacounty.gov/csoactions/#:~:text=Released%20on%20October%2013%2C%202021,sever e%20in%20the%20coming%20decades

Completion status legend:

- ✓ = Project Completed, continue to implement as necessary
- O = Action ongoing toward completion
- X = No progress at this time

	TABLE 1 ACTION PLAN MATRIX					
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O,✓)			
Initiative No	. 30 — Ide	entify flood-warning systems for properties where such systems can be bene	eficially employed.			
Yes	Medium	The County of Los Angeles has implemented an emergency mass notification system that is used to contact County residents and businesses via recorded phone messages, text messages, or e-mail messages in case of emergency. The system, called ALERT LA County, is used by the County's Emergency Operations Center to notify residents and businesses of emergencies or critical situations and provide information regarding necessary actions, such as evacuations. The system also utilizes the telephone companies' 911 database and can contact land-line telephone numbers, whether listed or unlisted. If the call is picked up by an answering machine, the system will leave a recorded message. If the number called is busy or does not answer, the system will redial the number in an attempt to deliver the message. The system is also TTY/TDD compatible.	√			
		In addition, the National Weather Service sends out mass notifications to impacted communities via Wireless Emergency Alerts (WEA). WEA are emergency messages sent by authorized government authorities through participating mobile carriers. Government partners include local and State public safety agencies, FEMA, the FCC, the Department of Homeland Security, and the National Weather Service. No app or sign-up is required and alerts are sent automatically to WEA-capable phones during emergencies.				
unincorpora	ted Count	Consider the development of a comprehensive flood warning and responsy that would become a functional annex to the Operational Area Emergence in the Comprehensive flood warning and response that would become a functional annex to the Operational Area Emergence in the Comprehensive flood warning and response to the Comprehensive flood warning and response flood warning and respon				
Yes	High	Public Works will consider the development of a comprehensive flood warning and response plan for the unincorporated County that would become a functional annex to the Operational Area Emergency Response Plan.	Х			
	nitiative No. 32 — Continue to enforce the County's development regulations to prevent increases of the flood					
Yes	High	The County of Los Angeles continues to regulate development in FEMA's Special Flood Hazard Areas and adopted County Floodplains in unincorporated areas.	√			
O =	Project Co Action on	end: completed, continue to implement as necessary egoing toward completion ess at this time				

	TABLE 1 ACTION PLAN MATRIX				
Action Taken? (Yes or No)	Priority	Status	Completion Status (X, O,✓)		
Initiative No conditions.	. 33 — Co	nduct an evaluation of FEMA-designated flood zones and revise/update ther	m to reflect current		
Yes	High	The County of Los Angeles works with FEMA to update the Flood Insurance Rate Maps for several streams. The updates are the result of new Flood Insurance Studies being conducted by FEMA in cooperation with affected cities and the County of Los Angeles. FEMA's Physical Map Revision of Flood Insurance Rate Maps for the Santa Clara River Floodway and Open Pacific Coast became effective in 2021. In addition, Public Works reviews Conditional Letter of Map Revision submittals for projects that may revise/update FEMA designated flood zones. The County of Los Angeles has a website and mobile friendly version of the Flood Zone Determination Website where developers and stakeholders can access flood hazard information for properties in unincorporated Los Angeles County.	√		
		ontinue to maintain and update the Hazus-MH model constructed to suppor lood risk information available to property owners.	t the development		
Yes	High	The County of Los Angeles continues to update the data used in the Hazus-MH model such as property information and topography.	0		
Initiative No	. 35 — Co	ontinue County coordination with other agencies and stakeholders on issues	of flood control.		
Yes	Medium	The County of Los Angeles continues to partner and explore partnership opportunities with other agencies and stakeholders regarding flood control issues.	0		
Initiative No	. 36 — Co	ontinue to identify and assess drainage needs.			
Yes	High	Los Angeles County Public Works' Stormwater Maintenance Division monitors and inspects channels, storm drains, and flood retention basins owned by the Los Angeles County Flood Control District. In addition, Public Works' Land Development Division and Building and Safety Division enforce drainage building code requirements for new construction and alteration projects.	√		
	Initiative No. 37 — Once FEMA establishes its Building Resilient Infrastructure and Communities (BRIC) program, consider updating this plan accordingly to meet the BRIC program guidelines.				
Yes	Medium	Since the BRIC program has been established, the County of Los Angeles continues to look for opportunities that identify mitigation actions and implement projects that reduce risk posed by natural hazards.	0		
√= O=	Completion status legend: ✓= Project Completed, continue to implement as necessary O = Action ongoing toward completion X = No progress at this time				

Recommendations for Changes or Enhancements: The following recommendations will be noted for future updates or revisions to the RLAA:

No recommendations for changes or enhancements during this reporting period

PUBLIC REVIEW NOTICE

The contents of this report are considered to be public knowledge and have been prepared for total public disclosure. Copies of the report have been provided to the County Los Angeles Chief Executive Office and to local media outlets and the report is posted on the Floodplain Management Plan website. Any questions or comments regarding the contents of this report should be directed to:

Los Angeles County Public Works Stormwater Engineering Division (626) 458-6131