

Recovery and Resiliency Framework Actions List

Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Funding Source	Launch Timing	Accomplishments	Next Steps	Key Milestones
CP 1.1.1	Review and consider Incorporating California Office of Emergency Services public warning recommendations into County emergency operations plans, policies, and procedures	Completed	Funded	DEM	Lead		General Fund	0-1 year			
CP 1.1.10	Research the use of sirens or other auditory alert in areas of the County with limited or no cell service	Underway	Funded	DEM	Lead	Sheriff	Needs resources General Fund	0-1 year	HMGP grant application submitted		
CP 1.1.11	Have Nixle and SoCo Alert sign-ups available at all County community meetings and work with organizations in the County to spread the message	Underway	Funded	CAO	Supporter	All departments	General Fund	1-2 Years			
CP 1.1.2	Coordinate alert and warning systems over multiple communication systems, to include platforms that utilize opt-out systems	Underway	Funded	DEM	Partner	ISD Sheriff	General Fund	0-1 year	Maximized current systems Developed new countywide NIXLE protocol. Applied for HMGP grant for sirens		
CP 1.1.3	Collaborate on roles and responsibilities among emergency managers and first responders on warning systems and for issuing any warnings	Underway	Funded	DEM	Partner	Sheriff	General Fund	0-1 year	Alert & Warning Working Group formed and meeting monthly		
CP 1.1.4	Develop a public outreach campaign to inform the public on warning expectations and what alert systems are available	Underway	Funded	DEM	Lead	CAO ISD	General Fund	1-2 Years	Convening of San Francisco Bay regional public education campaign		
CP 1.1.5	Assist in training alert operators and personnel at dispatch centers and emergency operation centers to compose effective emergency alert messages and transmit them using available systems	Scoping	Unfunded/ Uncertain	DEM	Lead	Sheriff	Needs resources General Fund	0-1 year	Conducting tests on existing systems 4 trainings completed		
CP 1.1.6	Develop pre-scripted and "fill-in-the-blank" message templates and operational procedures for common, protective actions (i.e., prepare to evacuate, area re-entry, shelter-in-place, etc.)	Completed	Funded	DEM	Lead	Sheriff ISD	General Fund	0-1 year			
CP 1.1.7	Conduct community warning assessments	Underway	Funded	DEM	Lead	ISD	General Fund	0-1 year	In October 2018 conducted warning exercists, including WEA, and conducted assessment		
CP 1.1.8	Ensure all warnings, outreach, templates, etc. cross all sensory, language and cultural barriers to reach all residents and visitors in Sonoma County, including individuals with disabilities and others with access and functional needs	Underway	Funded	DEM	Lead		General Fund	0-1 year	Applied for HMGP grant for NOAA weather warning radios Take part in the UASI alert and warning planning project		
CP 1.1.9	Consider bull horns, and different siren tones on police cars as a localized auditory warning component	Completed	Unfunded/ Uncertain	Sheriff	Lead	Emergency Management	General Fund	1-2 Years	All field services (patrol) vehicles are equipped with load speakers (permanently affixed bull horns) The Sheriff's Office has many bull horns that are used by specialty teams (deployed in the event of an emergency)		
CP 1.2.1	Working with emergency managers and first responders, identify what situational information is needed, standardize verbiage and procedures, and determine how that information would be displayed	Scoping	Funded	DEM	Lead	Sheriff Permit Sonoma SCWA	General Fund	1-2 Years			
CP 1.2.2	Research, analyze and purchase available computer-based software to serve as the single repository for information.	Researching	Unfunded/ Uncertain	DEM	Lead	ISD General Services	Needs resources-General Fund	1-2 Years	Initial survey of potential systems completed		
CP 1.2.3	Identify innovative methods and assess integrating real-time information from residents and communities to provide information to a common operating picture	Scoping	Unfunded/ Uncertain	DEM	Lead	ISD	General Fund	1-2 Years			
CP 1.2.4	Develop and conduct trainings and drills for all system activators	Scoping	Unfunded/ Uncertain	DEM	Lead	ISD Sheriff	Needs resources-General Fund Grants	1-2 Years			
CP 1.2.5	Support the installation of fire cameras, weather stations, and seismic monitoring equipment in strategic County locations in support of a common operating picture	Underway	Funded	DEM	Stakeholder	ISD General Services SCWA	Needs resources-General Fund Grants	1-2 Years	EM: Signed MOU for first three camera installation SCWA: Half million dollar investment to acquire and install fire cameras. Although the initial target was the Lake Sonoma Watershed, we have been working with the County and our partners to secure additional fire cameras that are being installed throughout Sonoma and neighboring Counties. SCWA: Developed the OneRain program, designed to install a series of rain gauges and sensors in and around the burn areas		

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CP 1.2.6	Integrate all sensors and monitoring data into the common operating picture (seismic, stream gauges, fire cameras, weather radar, Red Flag Warnings).	Scoping	Unfunded/ Uncertain	DEM	Stakeholder	ISD General Services SCWA	Needs resources- General Fund Grants	1-2 Years			
CP 1.2.7	Enhance EOC information systems capacity to handle a large scale County disaster	Researching	Unfunded/ Requested	DEM	Partner		General Fund	0-1 Year	Being done in conjunction with CP 1.2.2		
CP 1.3.1	Identify critical information requirements of elected and senior appointed management officials for disasters and emergencies	Completed	Funded	DEM	Lead	CAO, BOS	General Fund	0-1 year	New Emergency Operations Guide for County Supervisors created and new EOC Board Liaison position established		
CP 1.3.2	Develop processes and procedures that coordinate information with elected officials throughout the disaster or emergency response	Completed	Funded	DEM	Partner	CAO, BOS	General Fund	0-1 year	New EOC Senior Coordination Team and new Board Liaison position established		
CP 1.3.3	Develop protocols for dissemination of information during an emergency through all available media sources (newspaper, radio, social media, etc.), to ensure that messages are coordinated, accurate, and available in multiple languages	Scoping	Funded	DEM	Partner	CAO	General Fund	1-2 Years	Reorganized new Public Information Services in County EOC (activated during March 2019 Floods), including new interpretation position Completion of Board approved Sonoma County Public Outreach Campaign Plan		
CP 1.3.4	Research, and implement where possible, the assignment of Spanish speaking first responders to areas heavily impacted by a disaster, including rapid evacuations	Scoping	Funded	DEM	Supporter	Sheriff	General Fund	1-2 Years			
CP 2.1.1	Review and possibly expand the Auxiliary Communications Service volunteer program	Scoping	Funded	DEM	Lead		Needs resources- General Fund	1-2 Years	Added \$5K in funding in Department budget for FY19/20. Expanded mission to include survey of burn scar areas when heavy rains may occur.		
CP 2.1.2	Review and possibly expand the Medical Reserve Corp volunteer program	Scoping	Unfunded/ Uncertain	Health Services	Lead		Needs resources-General Fund	1-2 Years	Implemented an outreach program to identify additional MRC volunteers at Sonoma State and Petaluma Health Center. To date, have enrolled approximately 100 new volunteers.	Integrate new volunteers in annual disaster response training exercises. Ensure that outreach is completed to every FQHC within the County	
CP 2.1.3	Assess and overhaul/build new Emergency Operations Center	Researching	Unfunded/ Uncertain	DEM	Stakeholder	CAO ISD	Needs resources-General Fund- Capital Project	Ongoing	Included in County's Capital Improvement Projects		
CP 2.2.1	Evaluate existing systems and interface capacities of mutual aid partners and develop an integrated and comprehensive system that supports both local and mutual-aid response	Scoping	Unfunded/ Uncertain	DEM	Partner	Sheriff	Needs resources-General Fund	1-2 Years			
CP 2.2.2	Research sustained funding methods for all new or expanded emergency services	Underway	Funded	DEM	Lead	CAO	General Fund	Ongoing	New Department of Emergency Management established with budget in March 2019 Obtained an additional \$235,000 in Homeland Sec urity gants for FY 19/20		
CP 2.2.3	Review and revise the County's Emergency Management Memorandum of Understanding with stakeholder agencies/jurisdictions	Scoping	Unfunded/ Uncertain	DEM	Partner	All affected departments	General Fund	Long term	Ongoing consultations with City Managers		
CP 2.3.1	Develop a public information and warning systems training program for County officials, Emergency Operations Center personnel, including appropriate authorizations to issue evacuation orders	Underway	Funded	DEM	Lead	CAO ISD Sheriff	General Fund	Ongoing			
CP 2.3.2	Strengthen collaboration with the Mutual Aid Regional Advisory Committee to ensure effective and efficient support to local response to a disaster.	Underway	Funded	DEM	Partner	CAO	General Fund	1-2 Years	Staff attends reoccurring meetings		
CP 2.3.3	Revise County staff emergency management training plan and professional development	Underway	Funded	DEM	Lead	All departments	General Fund	Ongoing	Participated in Learning Management System development		
CP 2.3.4	Collaborate with Mutual Aid and operational area partners to design, develop and conduct training exercises that evaluate communications and response systems	Scoping	Unfunded/ Uncertain	DEM	Stakeholder	Sheriff	Needs resources-General Fund Grants	1-2 Years			
CP 2.3.5	Conduct Incident Command System training and drills, workshops, table top and functional exercises	Underway	Funded	DEM	Sponsor	Sheriff	General Fund	Ongoing	Obtained additional UASI grant funding for trainings in calendar year 2019		
CP 2.3.6	Research cross training for other jurisdictions' to work in others EOC	Researching	Funded	DEM	Partner		General Fund	1-2 Years	Initial meeting held with Santa Rosa		
CP 2.4.1	Complete and close-out the DR-4344 FEMA Public Assistance Project Worksheets, maintaining federal funding compliance at all levels, and maximizing reimbursement as well as hazard mitigation inclusion in the Project Worksheets.	Underway	Funded	ACTTC	Lead	CAO TPW Sheriff General Services County Counsel	General Fund	Ongoing	ACTTC Internal Audit staff, with existing resources, is continuing to work with county departments to file claims, ensure compliance and appropriate supporting documentation is maintained, and closeout projects as work is completed		
CP 2.4.10	Engage qualified national consulting firm to assist and position County to receive maximum Federal and State disaster recovery funds	Completed	Funded	CAO	Lead	CDC County Counsel	General Fund	0-1 year			

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CP 2.4.11	Manage, coordinate, and oversee CDBG-DR funding opportunities, maintaining federal funding compliance at all levels	Underway	Funded	CDC	Lead	CAO	General Fund	Ongoing			
CP 2.4.12	Conduct regular federal procurement trainings with departments to build federal procurement capabilities	Researching	Funded	General Services	Partner	CAO County Counsel All departments	General Fund	1-2 Years			
CP 2.4.13	Create County procurement policies and procedures that meet federal procurement requirements	Underway	Funded	General Services	Lead	CAO County Counsel All departments	General Fund	0-1 year	In progress. MBE/WBE outreach has expanded. Monitoring contracts for possible FEMA reimbursement to ensure that appropriate language is included		
CP 2.4.2	Create charter document for the Disaster Finance Team to formalize its structure, mission, roles, and authorities.	Scoping	Funded	ACTTC	Lead	CAO	General Fund	1-2 Years	The Disaster Finance Team has created a draft charter		
CP 2.4.3	Pursue recovery and resiliency external funding opportunities to achieve County strategic priorities	Underway	Funded	CAO	Lead	Grant Steering Committee All departments	General Fund	Ongoing	The ORR has worked directly with County Departments and Agencies to submit 28 grant applications to the California Office of Emergency Services (CalOES) for FEMA Hazard Mitigation Grant Program (HMGP) funding for a total project cost countywide of \$48.8 million. The HMGP requests, if awarded will provide resources to execute the ten priority projects identified by the Block Captains and Board members as being the highest priority for implementation.		
CP 2.4.4	Enhance grant pursuit, implementation, and compliance capabilities across County departments	Underway	Funded	CAO	Lead	Grant Steering Committee All departments	General Fund	0-1 year	To date, few grants have been awarded, but it is anticipated that funding notification will occur prior to June 2019. The ORR has a Senior Grant Manager in place who has drafted a broad funding portfolio with County Departments to ensure that grant opportunities are not missed and the County's probability for being awarded funds is enhanced. A disaster recovery consultant has developed a 'Pre-Award Capacity Assessment' for one department. ORR staff is reviewing that Capacity Assessment to evaluate how that Assessment might apply to other Departments and to evaluate where grant administration needs are likely to be the most challenging and/or present a compliance risk to the County		
CP 2.4.5	Create strategic planning documents for the CAO grants function, and Grants Steering Committee, to formalize structure, mission, goals, scope, functions, and authorities.	Researching	Funded	CAO	Lead	Grant Steering Committee All departments	General Fund	1-2 Years			
CP 2.4.6	Create grant tracking procedures and systems that enable centralized information and analysis of County funds committed, costs of grant pursuit activities, return on	Researching	Unfunded/ Uncertain	CAO	Lead	All departments	General Fund	1-2 Years			
CP 2.4.7	Successfully implement all awarded applications, maintaining compliance with funding requirements through all grant phases	Scoping	Unfunded/ Requested	CAO	Lead	All departments	Grants	Ongoing	One California Department of Forestry and Fire Protection (CalFIRE) grant to TPW has been awarded and is in progress		
CP 2.4.8	Build resource library of external funding sources for Countywide recovery operations, including funding source information and compliance policies.	Researching	Funded	CAO	Lead	ACTTC General Services	General Fund	1-2 Years			
CP 2.4.9	Digitize historic payroll documents currently stored on microfiche	Scoping	Unfunded/ Uncertain	ACTTC	Lead		General Fund	1-2 Years			
CP 2.5.1	Evaluate the role of the Sonoma County Operational Area Emergency Council and determine the appropriate regional structure or entity to enhance countywide emergency services and preparedness	Underway	Funded	DEM	Lead	CAO, BOS	General Fund		Ongoing consultations with Sonoma County City Managers		
CP 3.1.1	Collaborate with volunteer, non-profit and private organizations to establish community working groups to develop a Community Preparedness and Outreach Plan	Researching	Funded	DEM	Sponsor		General Fund	1-2 Years			
CP 3.1.2	Review all neighborhood programs (COPE, Get Ready, Next Door) when preparing a program, and where possible collaborate with existing preparedness programs (Red Cross Home Fire Campaign, etc.)	Researching	Funded	DEM	Lead		General Fund	1-2 Years			

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CP 3.1.3	Use the Federal Emergency Management Agency Threat and Hazards Identification and Risk Assessments process to assess risk within the County to inform the Community Preparedness and Outreach Plan	Researching	Funded	DEM	Sponsor		General Fund	1-2 Years			
CP 3.1.4	Strengthen collaboration with Volunteer Organizations Active in Disaster (VOAD) and Rebuilding Our Community Sonoma County (ROC) and other volunteer, non-profit and	Researching	Funded	DEM	Partner	All departments	General Fund	1-2 Years			
CP 3.1.5	Develop and sponsor an annual countywide family-friendly "Disaster Preparedness Day" concept, with	Researching	Unfunded/ Uncertain	CAO/BOS	Lead		Needs resources-General Fund	1-2 Years			
CP 3.1.6	Identify and collaborate with individuals and/or organizations to assume continuation of the local	Researching	Funded	DEM	Partner	CAO	General Fund	1-2 Years			
CP 3.2.1	Develop material to be used regarding preparedness and compile resources available (i.e., speakers, plan templates, etc.)	Researching	Funded	DEM	Lead		Needs resources-General Fund Grants	1-2 Years			
CP 3.2.10	Develop educational information and training curriculum around personal emergency preparedness for individuals to be knowledgeable on how to be on their own for several	Researching	Funded	DEM	Lead		General Fund	1-2 Years	See 3.2.1		
CP 3.2.11	Working with communities, identify needs to better organize and strengthen their assets and capacities to build partnerships and promote collaboration and information sharing at all levels	Researching	Funded	DEM	Partner	ISD	General Fund	1-2 Years			
CP 3.2.12	Working with remote communities, research preparing maps of where residents live to assist first responders and individual neighborhood preparedness	Researching	Unfunded/ Uncertain	DEM	Lead	ISD	Needs resources-General Fund				
CP 3.2.2	Convene workshops of localized community partners and train leaders to identify threats and preparedness options	Researching	Funded	DEM	Lead		General Fund	1-2 Years			
CP 3.2.3	Promote safety committees within communities	Researching	Funded	DEM	Supporter		General Fund	1-2 Years			
CP 3.2.4	Identify particular risks, obstacles and mitigation measures related to preparedness across individuals with disabilities and others with access and functional needs	Researching	Funded	DEM	Partner		General Fund	1-2 Years	Identified potential solutions in alert and warning mission area		
CP 3.2.5	Research feasibility of contracting with organizations to transport to shelters those people unable to drive or without access to a vehicle	Researching	Funded	DEM	Lead		General Fund	1-2 Years			
CP 3.2.6	Develop a web site which will contain information for residents during an evacuation (threats, exit routes, shelter locations, etc.)	Completed	Funded	ISD	Lead	Emergency Management CAO	General Fund	0-1 Year	Creation of SoCoEmergency.org		
CP 3.2.7	Where feasible, include traffic management strategies for evacuations	Researching	Funded	DEM	Lead	ISD TPW Emergency Management	General Fund	1-2 Years			
CP 3.2.8	Explore the use of emergency preparedness curriculum in classrooms and other youth group organizations	Researching	Funded	DEM	Lead		General Fund	1-2 Years			
CP 3.2.9	Prepare household pre-emergency and emergency packets (templates), to include information a resident will need in the event of an evacuation (e.g., home inventory, identifying paperwork, etc.)	Researching	Funded	DEM	Lead		General Fund	1-2 Years	See 3.2.1		
CP 3.3.1	Evaluate the role, effectiveness and localized need for County CERT programs, Auxiliary Communications Services, Medical Reserve Corp., and any other program that allows individuals and/or organizations to be pre-approved and trained to assist the County during and in the aftermath of a disaster or emergency	Scoping	Funded	DEM	Partner		General Fund	1-2 Years	Have one volunteer instructor		
CP 3.3.2	Establish and publicize a community response team program	Underway	Funded	DEM	Lead		General Fund	1-2 Years			
CP 3.3.3	Engage with FEMA and Cal OES for funding and training for a model CERT program countywide	Researching	Funded	DEM	Lead	CAO	General Fund	1-2 Years			
CP 3.3.4	Establish Community Emergency Responder Trainings countywide.	Underway	Unfunded/ Uncertain	DEM	Partner		FEMA CalOES	1-2 Years			

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CP 3.4.1	Develop an expanded vegetation management County ordinance that improves resiliency of at-risk residents and properties, including those subject to Homeowners Associations' Covenants, Conditions & Restrictions.	Researching	Funded	Permit Sonoma	Lead		Needs resources-General Fund	1-2 Years	Sonoma County Fire Prevention Division is leading annual inspection and abatement of Hazardous Vegetation and Combustible Material in conjunction with several Sonoma County Fire Districts to improve compliance to the requirements of Sonoma Ordinance. No. 6148. As part of the inspections, the outreach effort includes communicating that state and local hazardous fuels regulations take priority.	Draft updates have been developed to ordinance 6148. Meeting with Fire Districts in January 2020 to finalize new language to remove panel size limitations and other input to address compliance.	
CP 3.4.10	Revisit rules regarding fires at campgrounds during fire season	Researching	Funded	Regional Parks	Lead	Permit Sonoma	General Fund	1-2 Years	During normal operations, Regional Parks allows fires established fire pits and BBQing in established BBQ grills or self-contained BBQ's that are elevated from the ground. During Red Flag warnings, Regional Parks closes parks that were impacted during the 2017 fires and inspects parks for hazards prior to reopening. Regional Parks does not allow fires during Red Flag warnings but does permit use of camp stoves and BBQ's.	Restrictions will remain in place.	
CP 3.4.11	Apply for funding for education and incentives for Safe and Resilient Sonoma County, to harden structures and create defensible space to reduce the risk of fire damage in identified vulnerable locations throughout County WUI	Scoping	Funded	Permit Sonoma	Lead		Needs resources Grants		HMGP funded project proposal with a focus on both home hardening and defensible space has moved through CAL OES approval and into final approval step[s] with FEMA; a second HMGP application is in preparation with a focus on hazardous trees and fuels reduction.		
CP 3.4.2	Improve cycle time for weed abatement process	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead		Needs resources-General Fund	1-2 Years	Sonoma County Fire Prevention Division has modified their policy to reduce the minimum time before possible abatement from 60 to 45 days.		
CP 3.4.3	Improve enforcement of Public Resources Code section 4291: 'for defensible space maintenance' and Sonoma County Code 13A.	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead		Needs resources-General Fund Grants	1-2 Years	County staff are communicating with Cal Fire to coordinate about their inspections pursuant to the Public Resources Code (PRC) to ensure efficiency and minimize overlap in inspections. Permit Sonoma has increased the noticing, outreach, inspection and enforcement pursuant to the additional funding authorized by the Board of Supervisors.		
CP 3.4.4	Research feasibility of requiring compliance with required defensible space and vegetation management practices at time of real estate transactions, remodels or upgrades	Researching	Funded	Permit Sonoma	Lead	PRMD	General Fund	1-2 Years	Permit Sonoma and ORR staff have conducted research into legislative measures, tax and insurance programs, public-private partnerships, and other organizations and projects regarding reducing wildfire risks and promoting community resiliency across the western US. we have conducted preliminary conversations with local real estate industry representatives regarding these types of initiatives.		
CP 3.4.5	Encourage and help facilitate hazardous vegetation removal on private lots and small parcels to increase defensible space and improve emergency access, including expanded landowner participation in Cal Fire Vegetation Management Program	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead	TPW	Needs resources-General Fund Grants	1-2 Years	The County has expanded media outreach and advertising via newspaper, radio, school districts and TV interviews about the state and local regulations, and the importance of defensible space to public safety. Permit Sonoma, ORR and other county agencies are coordinating with CAL FIRE at the Unit and regional levels regarding proposed projects in Sonoma County that may be implemented in coordination with, and/or funding by CAL FIRE.		
CP 3.4.6	Improve guidance for effective defensible space that also considers drought, erosion control, biologic resources, and low impact development	Researching	Funded	Permit Sonoma	Lead	SCWA	General Fund	Ongoing	Coordination via the watershed task force and the vegetation management working groups has increased data exchange and cross referencing, on-line posting, and physical distribution of guidance materials for the public.		
CP 3.4.7	Develop strategies that assist private lot and small parcel property owners with selective removal of vegetation damaged by fires.	Researching	Funded	Permit Sonoma	Lead	TPW	Needs resources-General Fund Grants	1-2 Years	Permit Sonoma, ORR and Sonoma Water are participating in public-private partnerships to explore new ways to have sustainable funding for fuels management on private lands. A HMGP application is in preparation with a focus on hazardous tree removals and fuels reduction in recently burned areas and other priority locations.		
CP 3.4.8	Develop and distribute landscaping information and templates that supports creating and maintaining fire-safe and sustainable landscapes in the wildland-urban interface (to be distributed in permitting process)	Underway	Funded	Permit Sonoma	Lead	Permit Sonoma UCCE SCWA	Needs resources-General Fund Grants				
CP 3.4.9	Expand chipper program	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead		Needs resources-General Fund Grants	1-2 Years	Permit Sonoma has internal staff in place for 2019 and cooperative support in the Geyserville Fire District. Chipper services have been advertised, applications have been received and jobs are underway. As part of a CAL FIRE grant, an additional vehicle and chipper has been ordered.	2019 Season complete. Preparing for 2020 season with technology process improvements implemented for residents to access program.	

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CP 3.5.1	Develop realistic, achievable and sustainable protocols for community members to be trained as disaster animal worker resources who can be mobilized during an emergency	Scoping	Unfunded/ Uncertain	UCCE	Partner	Health Emergency Management	Needs resources- General Fund Grants		Program and outline of roles and responsibilities approved in Nov 2017 by Emergency Council. Trainings have been ongoing since early 2018. Basic training requirements established and protocols developed and in place Over 200 community members trained in multiple topics such as Emergency Animal Sheltering, Disaster Awareness and Management, Sonoma County Horse Council trailering training. Formation of Sonoma Community Response Team (SCART). MOU's with ARC, ASPCA, Code 3 Associates		
CP 3.5.2	Develop an Agriculture Disaster Animal Entry Permit that provides protection of equine, livestock, poultry and livestock feed assets	Underway	Funded	UCCE	Lead	Health Emergency Management	General Fund		Under development at this time. Partnership with University of California Extension on program development, implementation, and mapping.		
CP 3.5.3	Complete the Animals in Disaster Response Plan, an Annex to the Emergency Operations Plan	Underway	Funded	Health Services	Lead	UCCE Emergency Management	General Fund		Annex is complete and has been submitted to DES for addition to the county EOP. While Annex was in draft form the Bay Area Urban Areas Security Initiative (UASI) reviewed all animal disaster plans for the bay area region and used our annex as a model for development of a toolkit for area planners to use when updating or writing disaster plans for animals.		
CP 4.1.1	Establish priorities for essential services and critical business operations during and after a disaster or multi-hazard event.	Underway	Funded	DEM	Lead	All Departments	General Fund	1-2 Years			
CP 4.1.10	Maintain updated procurement binder with available contractors/agencies/volunteer organizations; to include current contingency contracts	Underway	Funded	TPW	Lead	General Services Emergency Management	General Fund	1-2 Years	TPW staff has been working with County Purchasing to establish emergency Blanket Purchase Orders (BPOs), and procuring contracts for work TPW typically performs during emergency events. These BPOs and contracts will include language that aligns with FEMA procurement	Procurement of contracts for emergency work.	
CP 4.1.2	Identify and work with culturally-competent local service providers to assist on front line immediately following a disaster in a Local Assistance Center, ensuring access to non-English speaking and/or undocumented residents	Researching	Unfunded/ Uncertain	CAO	Lead	Health Human Emergency Management	General Fund	1-2 Years			
CP 4.1.3	Identify and utilize County Disaster Workers who are multi-lingual and contracted language providers to communicate with the community, including undocumented residents, for official communications and at shelters, call centers, local assistance centers, etc.	Researching	Funded	DEM	Lead	HR, CAO	General Fund				
CP 4.1.4	Look for sister organizations in other jurisdictions that could be used on an on-call-basis in a disaster to ensure effective and efficient response	Researching	Funded	Health & Human Services	Lead	Emergency Management	General Fund	1-2 Years			
CP 4.1.5	Develop a long term funding strategy for Rebuilding our Community (ROC) to assist community members throughout the recovery process	Researching	Funded	CAO	Lead	Emergency Management	General Fund	1-2 Years			
CP 4.1.6	Identify tasks and functions and/or resources that could be performed by non-governmental CBOs, FBO and	Researching	Unfunded/ Uncertain	DEM	Partner	TPW Sheriff	Needs resources- General Fund				
CP 4.1.7	Apply for funding to retrofit Petaluma Veterans Hall for seismic stability and possible use as a shelter	Completed	Funded	General Services	Lead		General Fund	0-1 year			
CP 4.1.8	Apply for funding for seismic strengthening and retrofit of existing structures in vulnerable locations throughout the County	Completed	Funded	General Services	Lead		General Fund	0-1 year			
CP 4.1.9	Rebid contracts with FEMA required language included (based on prioritization for most frequently used disaster support goods/services or upon termination for less essential goods/services	Scoping	Funded	General Services	Lead		General Fund				
CP 4.2.1	Review and assess resources that could be strategically placed in sites throughout the County for better response in a disaster	Underway	Unfunded/ Requested	TPW	Lead	All departments	General Fund	0-1 year	TPW has applied for grants for generators for the Forestville and Annapolis Road yards. A grant has been approved for a generator at the Santa Rosa yard. A grant is pending approval for a generator at the Airport. During flood events, TPW delivers sand to regional fire stations for residents to fill sandbags.	Install generator at Santa Rosa yard.	

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CP 4.3.1	Maintain updated roster of county "emergency essential personnel and services" and county departments' "business resumption plans" for use during high threat	Underway	Funded	CAO	Lead	All departments	General Fund	1-2 Years			
CP 4.3.2	Establish effective Continuity of Government and Continuity of Operations programs.	Underway	Funded	CAO	Partner	All departments	General Fund	1-2 Years			
CP 4.4.1	Identify primary County technology infrastructure, business systems, and critical facilities needed to support the essential services and critical business operations and implement specific protective measures	Underway	Unfunded/ Requested	ISD	Lead	All departments	Needs resources- General Fund	1-2 Years	<ul style="list-style-type: none">Received and conducted initial review of revised departmental Continuity of Operations Plan playbooks including IT resources required for essential functions.Purchased and configured server equipment for running critical workloads from an alternate site.Design, build, and testing complete for alternate site completeData replicated to cloud and alternate site	<ul style="list-style-type: none">Collaborate with Emergency Management on the prioritization of essential functions in the context of COOP, de-energization event planning, and general disaster preparedness.Install equipment at alternate site and conduct functional test exercises.Upgrade bandwidth to alternate site	
CP 4.4.2	Identify community infrastructure and utility services that are essential to the operation of the County technology infrastructure and systems and implement specific protective measures	Underway	Unfunded/ Requested	ISD	Lead	CAO General Services	General Fund	1-2 Years	<ul style="list-style-type: none">Assess needs and protective measures for PG&E power de-energizationsCompleted planning for PG&E power de-energizations, including power load and prioritization of datacenter equipment, built remote access servers, etc.Initiated project request for temporary mobile generator power connection to datacenterDesign completed for disaster recovery of public safety systemsInstalled additional bandwidth at various locations (shelters, assistance centers) to provide better connectivity for those impacted by the recent disasters	<ul style="list-style-type: none">Install temporary mobile generator power connection to datacenterEngage outside public safety agencies as possible alternate locations for disaster recovery of public safety systems	
CP 4.4.3	Assess risks and hazards that currently exist in the County technology infrastructure and community infrastructure and utilities	Scoping	Unfunded/ Requested	ISD	Partner		General Fund	1-2 Years	<ul style="list-style-type: none">IT Resiliency Program Board Item 4/30/2019	Development and issuance of a Request for Proposal for IT Disaster Recovery/Business Continuity Consultant to a) assess current and future risks to County IT infrastructure and facilities b) evaluate proposed technical designs	
CP 4.4.4	Prioritize technology infrastructure modernization projects (both County and Community) that directly relate to mitigating risks for points of failure that affect accessibility and scalability of critical business systems.	Scoping	Unfunded/ Requested	ISD	Lead	All departments	Needs resources-General Fund	3+ Years	<ul style="list-style-type: none">IT Resiliency Program Board Item 4/30/2019	<ul style="list-style-type: none">Development and issuance of a Request for Proposal for consulting services to review alternatives and develop detailed plans to transition the County from the Microsoft Office tools to new cloud based productivity and collaboration suites to a) evaluate existing data volume, infrastructure and licensing b) recommend licensing option and forecast future costs c) prepare migration plan and training schedule and d) migrate data and provide post-migration support.Implement resilient server architecture by virtualizing critical server, storage, and database structures to allow movement of service delivery between data centers and cloud providers. Implementation will allow the shifting of workloads (compute, storage, application hosting) to available resource based on disaster scenario. This will improve dramatically the time-to-recovery in the event of Data Center failure. Resilient server architecture to be funded through Infrastructure Replacement funds.Redesign network connectivity architecture to ensure access to Internet and to applications running offsite by adding circuits to ensure diverse paths and automated rerouting of traffic. Implementing this design would allow off-campus remote sites to continue to access Internet and cloud services even if the ISD Data Center and County campus were unusable. This is also a requirement to reliably shift enterprise and line of business solutions to cloud service providers.	
CP 4.4.5	Apply for funding for a stand-alone generator for County of Sonoma's datacenter to ensure mission critical systems (911 and computer aided dispatch communications) have	Completed	Funded	ISD	Lead	CAO General Services	General Fund	0-1 Year			
CP 4.4.6	Ensure County information is securely backed up offsite	Completed	Funded	ISD	Lead		Federal Grants - General Fund Match	0-1 Year			
CP 4.4.7	Enhance EOC information systems capacity to handle a large scale County disaster	Scoping	Unfunded/ Requested	ISD	Partner		General Fund	0-1 Year	<ul style="list-style-type: none">See CP 1.2ISD working with DEM on procurement of emergency management	<ul style="list-style-type: none">Issue RFP, select, implement emergency management system	
CP 4.5.1	Identify and assess essential transportation infrastructure necessary in a response and modify, repair, and/or maintain.	Underway	Funded	TPW	Lead		General Fund	0-1 Year	TPW is responsible for the maintenance and operations of the transportation system in the County which is vulnerable to disasters in various degrees. Floods, fires, earthquakes, and windstorms will affect roads, bridges, culverts, and traffic control devices with the department primarily responding to emergencies and damages to restore access. The Department has detour routes for every County maintained bridge and historic flood prone areas and responds from	None.	
CP 4.5.2	Assist with mapping and prioritization of vulnerable hillslopes in the burned areas that require specific rehabilitation or restoration efforts.	Ongoing	Unfunded/ Uncertain	TPW	Partner		Needs resources- General Fund Grants	1-2 Years	TPW has met with ORR and Permit Sonoma, and will continue to assist as required.	None.	

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CP 4.5.3	Apply for funding for culvert improvements to reduce flooding (Drake Rd., Guerneville and Roberts Rd., Penngrove)	Completed	TPW	1-2 Years			General Fund	1-2 Years			
CP 4.5.4	Apply for funding for bank stabilization to protect River Road using primarily natural materials in order to protect a vital transportation link, as well as residences and agricultural land	Completed	TPW	1-2 Years			General Fund	1-2 Years			
CP 4.5.5	Apply for funding to purchase and install onsite generator for the Sonoma County Santa Rosa Road maintenance yard to prevent risk of service interruption of disaster response	Completed	TPW	1-2 Years			General Fund	1-2 Years			
CP 4.6.1	Collaborate with other jurisdictions in the County about response to any de-energization by PG&E	Underway	Funded	DEM	Partner		General Fund	1-2 Years	De-energization Plan accepted by Board of Supervisors in December 2018. May be revisited in 3Q depending on new PG&E Wildfire Plan procedures.		
CP 4.6.2	Work with PG&E to determine feasibility of conducting de-energization trainings and drills prior to a disaster	Researching	Funded	DEM	Lead		General Fund	1-2 Years	Initial plan completed.		
CP 4.6.3	Work collaboratively with PG&E to leverage vegetation management practices and implementation as its	Ongoing	Unfunded/ Uncertain	TPW	Partner	Permit Sonoma	General Fund Grants	1-2 Years	TPW is working with PG&E to stage vegetative debris in the road right of way for later removal. Work is ongoing.	Continue to work with PG&E for vegetation management practices.	
CP 4.6.4	Encourage local energy systems and microgrids and seek to obtain funding	Researching	Unfunded/ Uncertain	TBD	Supporter		General Fund				
CP 4.6.5	Collaborate with private utility companies to define how back-up communication services can be provided if infrastructure is damaged during a disaster event	Researching	Funded	DEM	Partner		General Fund	1-2 Years	Participated in EDB broadband initiative		
CP 4.6.6	Consider mandatory underground utilities for newly constructed neighborhoods and commercial properties.	Researching	Unfunded/ Uncertain	Permit Sonoma	Supporter	General Services	General Fund	1-2 Years			
CP 4.6.7	Advocate for utility companies undergrounding electrical lines on all properties	Researching	Unfunded/ Uncertain	CAO	Supporter	Permit Sonoma General Services	General Fund	1-2 Years			
CP 4.6.8	Advocate for state and federal funding for undergrounding of utilities	Underway	Funded	CAO	Lead		General Fund	Ongoing	The County has been granted party status and submitted initial comments to advocate for improvements to the Rule 20A program to better safeguard public interests and mitigate wildfire risks in rural areas. The County will continue to advocate through state and federal delegation		
CP 4.6.9	Advocate for and possibly establish a "Dig Once" policy	Complete	Unfunded/ Uncertain	TPW	Supporter	EDB Permit Sonoma CAO	General Fund TOT	1-2 Years	TPW has met with utilities, the City of Santa Rosa and County Departments with preliminary goals. The preliminary goals include agreeing to coordination among agencies. TPW has established a 'OnePave' program to pave the roads that have been cut by utility	None.	
E 1 2.1	Collaborate to support an Employer Housing Council, to encourage a variety of workforce housing solutions by collaborating with private sector employers and the Renewal Enterprise District to support opportunities for	Underway	Funded	CDC	Partner	EDB	Tax Revenue	3+ Years	Awaiting next steps by SR Metro Chamber		
E 1.1.1	Create a Sonoma County Cooperative Education Program that combines classroom-based learning with structured work experience to develop a pipeline of skilled graduates into local firms.	Underway	Unfunded/ Requested	EDB	Partner		State Grants, Federal Grants	0-1 Years	EDB convened human resources representatives from local companies and career placement staff from local educational institutions (Santa Rosa Junior College, Sonoma State University, and Empire College) for a first ever meeting of its kind to discuss issues, challenges, and	Given the group direction, this effort has been merged with the Talent Alignment Council.	
E 1.1.2	Continue to partner with and expand the Sonoma County Youth Ecology Corps to potentially include "green jobs" focused on vegetation management.	Underway	Funded	Workforce Investment Board	Partner	Human Services, Water Agency	General Fund	3+ years			
E 1.1.3	Develop a plan to train and recruit new construction workers that includes collaborating with the North Bay Construction Corps, a five-month after school training	Underway	Unfunded/ Uncertain	EDB	Supporter		Unknown	0-1 Years	Working with established Career Technical Educational programs to identify existing training programs that can benefit from expanded training opportunities to develop a pipeline.	Continue partnership with Santa Rosa Junior College to establish a Regional Construction Training Center. Assemble an advisory committee comprised of labor and trade groups to help create an operating agreement, as well as propose and	
E 1.1.4	Utilize grant funding from the California Employment Development Department to help train residents for in-demand construction jobs and promote opportunities in both English and Spanish.	Underway	Funded	Human Services	Lead	Workforce Investment Board	State Grants	1-2 Years	Utilize grant funding from the California Employment Development Department to help train residents for in-demand construction jobs and promote opportunities in both English and Spanish	Utilize grant funding from the California Employment Development Department to help train residents for in-demand construction jobs and promote opportunities in both English and Spanish. To date, Sonoma County Job Link has supported 112 individuals to access training for in-demand construction jobs. 76 of these individuals have received financial assistance and supportive services through the Human Services Department and an additional 36 have enrolled in pre-apprenticeship training program through the Job Link partner program – the North	Employment & Training Division will continue to recruit job seekers interested in the building and trades and link them up with existing training programs including paid on the job training. The EDD grant ends March 31, 2020, however, E&T will continue to utilize regular funding to prioritize job placement in the construction field.
E 1.1.5	Consider establishing a formal construction skills training center to support North Bay Construction Corps programming.	Underway	Unfunded/ Requested	EDB	Partner	Human Services, Workforce Investment Board	Federal Grant	3+ Years	Partnering with the SRJC, Tipping Point Community Foundation, and the US EDA to raise grant funding and matching funds to build such a training facility to make a home for all of the CTE construction training programs across the county.	Once funding is confirmed, the SRJC and EDB will convene a stakeholder group comprised of local trade, industry and labor representatives. This advisory committee will work to establish operating principles for the facility that allow it to be a central resource, refine and finalize a curriculum proposal put forth by the JC, and develop a marketing and communication plan.	1. Confirmation of a \$1 million grant from the Tipping Point Foundation for use as a partial local match. 2. Formal application to EDA finalized by the SRJC on 8/1/2019.

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E 1.1.6	Establish a Talent Alignment Council to evaluate shortages in the workforce and develop strategies to fill gaps. Council will discuss employer workforce needs and better align training programs to match those needs.	Underway	Funded	EDB	Lead		Unknown	0-1 Years	EDB has convened WIB staff, local post-secondary education institutions, and human resources representatives to serve as the council and as a resource for policy and program development to develop greater connectivity among employers and education.	A survey will be deployed among students at SSU, SRJC and Empire College to better understand perceptions of Sonoma County, and opportunities to retain higher numbers of recent graduates. The results will help inform a comprehensive report on the state of the workforce in Sonoma County.	
E 1.1.7	Expand scholarship offerings from non-profit organizations and other philanthropic individuals and organizations for low-income and middle-class students.	Research	Unfunded/ Uncertain	EDB	Partner	Human Services, Workforce Investment Board	Unknown	1-2 Years	CTE has launched a pilot cohort for its Sonoma Corps program, which provides a "gap year" internship experience for local high school graduates. After successful completion, participants will be awarded scholarships for post-secondary education, preferably in a related education pathway at SSU or SRJC.	Students participating in the pilot program will begin the program with an orientation in October 2019, followed by participation in work-readiness classes and industry/employer presentations throughout their senior year.	
E 1.3.1	Work with employers to fund and establish shuttle services, especially for senior resident needs.	Complete	Unfunded/ Uncertain	TPW	Lead	EDB	Private Funds, General Fund	1-2 Years	Transit provides free local shuttles in Cloverdale, Healdsburg, Windsor, Sebastopol, and Sonoma, and provides half fares for seniors.	None.	
E 1.3.2	Explore public-private partnerships for ride sharing programs to create affordable transportation solutions.	Complete	Unfunded/ Uncertain	TPW	Lead	EDB	Private Funds, General Fund	1-2 Years	Transit provides Park and Ride locations throughout the County promoting rideshare. Free shuttles are provided in Cloverdale, Healdsburg, Windsor, Sebastopol, and Sonoma. Free passes are available for veterans, and students of SRJC and SSU. Discounted fares are offered for youth, seniors, people with disabilities, and Medicare card holders. Discounted fares are also offered for riders transferring Citybus, and SMART.	None.	
E 1.3.3	Explore opportunities to leverage SMART and expand, adjust, and discount bus routes, especially for displaced residents.	Complete	Unfunded/ Uncertain	TPW	Lead	EDB	Private Funds, General Fund	1-2 Years	Transit provides discounted fares for riders transferring to SMART. This program is not specific to displaced residents.	None.	
E 2.1.1	Collaborate with partners for outreach to encourage employers to apply for SBA loans to recoup physical and economic damage.	Complete	Unfunded/ Uncertain	EDB	Partner		Unknown	0-1 Years	EDB has tried to connect businesses impacted by the wildfires to the SBA Disaster and Economic Injury Loans to help rebuild and support their recovery efforts but to date approximately only 30% of applicants were approved for funding. As such EDB is looking at other state and local programs to offer for those who did not qualify for SBA funding.		
E 2.1.2	Monitor additional resources that come available during recovery, such as Housing and Urban Development (HUD) funding, and encourage employers to apply.	Underway	Unfunded/ Requested	EDB	Partner	CAO, CDC, Human Services, Workforce Investment Board	Unknown	3+ Years	EDB continues to monitor other local, state, and federal resources to support lending programs for those who did not qualify for SBA disaster loan funding. The EDB created business recovery guides after the 2017 fires and 2019 floods, and is in the process of creating a resource guide to help businesses prepare for planned PG&E Public Safety Power Shutoff events.	Finalize and release PSPS preparation and resource guide.	
E 2.1.3	Assist public and private organizations in Sonoma County in accessing economic recovery loans and work with state and federal agencies, local banks, credit unions, and alternative lenders to support business lending and grants to qualified businesses and provide information in English and Spanish.	Underway	Funded	EDB	Partner		Federal Grants, State Grants	0-1 Years	EDB is working closely with state sponsored loan programs through the I-Bank, with our local banks and credit unions, and with micro lending partners to connect businesses with loan funding for both English and Spanish or bilingual clients seeking assistance.	EDB staff are currently working with the Mendocino County Economic Development and Finance Corporation (EDFC) to transfer a \$1 million revolving loan fund granted by the Economic Development Administration and Tipping Point Foundation. These loans would be focused on Sonoma County businesses in recovery, providing between \$10,000 and \$250,000 in capital for business recovery, resiliency, start-up and growth.	EDB staff were among the first on the ground in February 2019 when flood waters receded, and worked to understand needs; connect business owners with critical funding and recovery resources. Staff also partnered with the Russian River Chamber, Santa Rosa Chamber, Supervisor Hopkins' office and others to help create a grant fund for West County businesses that suffered flood-related losses.
E 2.1.4	Create a pathway to ensure the resiliency of Sonoma County's local agriculture industry by developing long-term solutions for challenges facing agriculture sustainability, such as climate change, market forces, labor shifts and the technology gap.	Scoping	Unfunded/ Uncertain	UCCE	Partner	Ag Comm, Ag + Open Space, EDB	Unknown	3+ Years			
E 2.2.1	Partner with Sonoma County Tourism and other partners to implement an economic recovery marketing campaign.	Completed	Funded	EDB	Partner	CAO	Transient Occupancy Tax	1-2 Years	In Fall 2018, the Sonoma County Economic Development Board launched Outdoor Sonoma, a quarterly newsletter highlighting what's happening in Sonoma County's outdoor recreation economy. Newsletter covers new business expansions and information on local outdoor recreation offerings. To date, we have completed three newsletters. In May 2019, the Economic Development Board partnered with Sonoma County Tourism, Sonoma County Regional Parks and the Outdoor Recreation Business Council to host the "Out in Your Backyard: Outdoor Opportunities in Sonoma County". Bringing together outdoor recreation and hospitality businesses for the first time, the event highlighted new outdoor and partnership opportunities for Sonoma County visitors. Keynote speaker included world-class climber, Kevin Jorgeson.	EDB and Tourism staff continue to explore several projects and potential events for 2020.	

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E 2.2.2	Support "Open for Business" marketing effort and other targeted marketing efforts to let residents and visitors know that the County is up and running.	Completed	Funded	EDB	Partner		Transient Occupancy Tax	1-2 Years	EDB is working to support the Sonoma County Tourism's new branding campaign "Life Opens Up" to let visitors know the county is not only open for business but that it is a world class destination to visit and spend tourist dollars. EDB is also producing a "Live, Work, Play" Video Series for talent attraction to promote Sonoma County as a great destination for all of these diverse aspects and we are co-branding it with Sonoma County Tourism's "Life Opens Up Campaign."		
E 2.2.3	Encourage both residents and non-residents to shop online for Sonoma County goods and donate to local non-profits.	Underway	Unfunded/ Uncertain	EDB	Partner		Transient Occupancy Tax	1-2 Years	EDB is working with various shop local campaign efforts with groups like Go Local, The Press Democrat's Local Matters program and others to promote to support shopping at local businesses.		
E 2.2.4	Expand the GoSoCo campaign and support other shopping local shopping marketing efforts to increase public awareness of the economic benefits of shopping local	Underway	Unfunded/ Uncertain	EDB	Partner		Transient Occupancy Tax	1-2 Years	In the immediate aftermath of the wildfires, EDB developed #GoSoCo Shop Local campaign and mobilized 9 cities and 15 Chambers of Commerce to promote a shop local campaign to give local businesses a boost in the run up to the 2017 Christmas Holiday. The EDB continued the campaign in 2018 and 2019 through the Press Democrat's Summer in Sonoma County campaign with hopes to support a new effort in 2019 if funds are available for the 2019 Christmas Shopping Season.		Campaign garnered one state and two national awards for its impact in reaching 55,000 shoppers through print, digital and social media.
E 2.3.1	Explore opportunities to increase access to broadband throughout Sonoma County to increase opportunities for key activities such as receiving urgent information, telecommuting, grocery deliveries, etc.	Underway	Unfunded/ Requested	EDB	Lead	TPW	Federal Grants, State Grants	3+ Years	EDB has completed a Broadband Strategic Plan with a top broadband consultant and plan on using it to provide guidance to staff and the Board on future program and policy recommendations. EDB is researching grant funding opportunities to support pilot broadband projects in rural areas of Sonoma County.	1.Create Sonoma County Broadband Business Plan exploring public-private-partnerships and municipal ownership of telecommunications infrastructure to promote broadband expansion. 2. Work with internet service providers to apply for broadband infrastructure grants in April 2020 to deploy in unserved communities 3. Explore feasibility for community owned broadband networks utilizing special districts and public-private-partnerships	1. Joy Road Broadband Deployment Project is complete serving 500+ residents (June 2019) 2. Completed the Sonoma County Broadband Strategic Plan with broadband consultant Magellan Advisors (June 2019) 3. Applied for CPUC Broadband Adoption grant in partnership with local non-profits (August 2019) 4. Applied for CPUC Regional Broadband Consortia Grant (June 2019)
H 1.1.1	Execute Joint Powers Authority Agreement with the City of Santa Rosa as a two-year pilot. Coordinate funding and financing strategies with all municipalities seeking to encourage affordable housing. Pursue legislation to enhance effectiveness of RED JPA and garner State financial support.	Underway	Funded	CDC	Partner	County Counsel, CAO	Tax Revenue, Private Funds	0-1 Years	JPA executed and first RED Board meeting held on 2/27/19. Funding has been established through a Hewlett Foundation grant.	JPA executed and first RED Board meeting held on 2/27/19. Funding has been established through a Hewlett Foundation grant. An Executive Director was hired and started work on July 22, 2019.	The RED is currently engaged in several initiatives to spur infill housing production including but not limited to: a) assisting developers with proposals to access state grant funding, b) exploring the feasibility of a fund to invest in, and encourage mixed income housing, factoring in investor interest, financial feasibility, market demand and income targeting, and c) a legislative strategy to influence the allocation of State funds to support the production of critically-needed transit-oriented, above-code, affordable and workforce housing units into our community. Finally, the RED project selection Criteria has been drafted for consideration by the RED Board.
H 1.1.2	Engage developers to discern true capital needs and tailor available County and City funds to promote quality projects.	Underway	Funded	CDC	Partner	Permit Sonoma	Tax Revenue	0-1 Years	CDC has conducted developer engagement regarding financial needs.	Since August 2019, CDC closed on financing for Windsor Veterans Village (60 units), Lantana Homes (48 single-family homes), and Altimira Apts (47 units).	The State has communicated they will release a solicitation for projects eligible for DR funding in 1st quarter 2020.
H 1.1.3	Secured \$250,000 capacity building funding from Tipping Point to enhance the effectiveness of the County's <u>Community Development Commission</u>	Complete	Funded	CDC	Partner		Private Funds	0-1 Years			
H 1.1.4	Secured \$1,000,000 start-up funding from Hewlett Foundation for RED JPA	Complete	Funded	CDC	Partner		Private Funds	0-1 Years			
H 1.1.5	Received targeted disaster waivers from US Department of Housing and Urban Development that increased flexibility for various housing assistance programs administered by CDC	Complete	Funded	CDC	Lead		Tax Revenue	0-1 Years			

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H 1.2.1	Continue to convene an array of institutions to develop new capital structures that mitigate financing risks and incentive quality projects.	Underway	Funded	CDC	Lead	County Counsel	Tax Revenue	0-1 Years	CDC has met with key financial institutions to develop new capitol sources for housing.	CDC to meet with FHLB by end of year to discuss capital sources	
H 1.2.2	Join the California Public Finance Authority JPA and utilize its available financing tools	Complete	Unfunded/Requested	CDC	Lead	County Counsel	Tax Revenue	0-1 Years	Process completed to be able to utilize as needed.		BW to check notes for date of entry into JPA
H 1.2.3	Develop financing tool for ADU's	Underway	Unfunded/Requested	CDC	Supporter	Permit Sonoma	Tax Revenue, Private Funds	0-1 Years	Primary strategy established and key partners identified.	CDC is coordinating with key partners to determine how best to proceed.	
H 1.2.4	Support Federal Reserve Bank of San Francisco's convening of lenders/financial institutions with the goal of increasing availability of capital for housing development	Complete	Funded	CDC	Supporter		Tax Revenue	0-1 Years			
H 1.3.1	Support California Housing and Community Development Department's Unmet Needs Analysis and Action Plan for deployment of CDBG-DR	Complete	Funded	CDC	Supporter	CAO	Tax Revenue	0-1 Years	HCD's Action Plan was approved by HUD in March 2019.		
H 1.3.2	Support passage of local and state housing bonds	Complete	Funded	BOS	Supporter		Private Funds	0-1 Years			
H 1.3.3	Deepen relationships with all relevant State agencies, including CalHFA, Strategic Growth Council, Tax Credit Allocating Committee	Underway	Funded	CDC	Lead	CAO	Tax Revenue	0-1 Years	CDC has engaged State agencies.	Holding ongoing meetings to continue to develop deeper relationships.	
H 1.3.4	Conduct a robust Assessment of Fair Housing to document needs and opportunities, and ensure findings and recommended actions are incorporated into housing plans going forward	Scoping	Unfunded/Requested	CDC	Lead	County Counsel	Tax Revenue	1-2 Years	The process to perform the assessment has been established.		
H 1.3.5	Utilize qualified national consulting firm to assist and position the County to receive CDBG-DR funds, and strategically utilize for unmet needs	Complete	Funded	CDC	Partner	CAO, County Counsel	Tax Revenue, Federal Grants	0-1 Years			
H 1.4.1	Assist EDB and Santa Rosa Metro Chamber to organize an Employer Housing Council, as called for in the Strategic Sonoma plan	Researching	Funded	EDB	Partner	CDC, CAO	Tax Revenue	0-1 Years	EDB staff approached the Santa Rosa Metro Chamber with a proposal for the Employers Housing Council, as recommended by Strategic Sonoma. The council has since grown to include 15 major Sonoma County employers.	The EDB will continue to provide key resources to the Santa Rosa Metro Chamber, Housing Council partners, and others, where appropriate or needed.	Creation of a \$10million Sonoma County Housing Fund, in partnership with Housing Trust Silicon Valley.
H 2.1.1	Evaluate and bring forward for consideration multi-family standards, workforce housing combining zone standards near jobs, and other housing initiatives	Completed	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year	Approved by Board in October 2018.		
H 2.1.1	Review higher density development opportunities within Urban Service Areas near jobs and transit, as provided in the General Plan, by considering a workforce housing combining zone district(s)	Underway	Partially funded SB 2	Permit Sonoma	Lead		Tax Revenue	0-1 Year	In early 2019, the County began identifying sites in urban service areas for rezoning for higher density, affordable, or workforce housing. Preliminary site evaluations have been performed and CEQA review has begun.	Contract with EIR Consultant in Jaquarey 2020 and begin Countywide EIR to look at housing sites in USAs across the county.	
H 2.1.11	Update Specific Plans, fee studies, and other planning documents to support meeting regional housing needs	Underway	Unfunded/Requested	Permit Sonoma	Lead		Tax/Fee Revenue	0-1 Year	There are two specific plans currently underway in the Airport SMART station area and the Sonoma Springs area are anticipated to increase allowable residential uses and densities near employment and transit.		
H 2.1.12	Inform the General Plan Update process regarding issues related to respond to regional housing needs, hazard mitigation, and resiliency.	Scoping	Unfunded/Requested	Permit Sonoma	Lead	CAO	Tax/Fee Revenue	3 + Years			
H 2.1.13	Develop for consideration additional housing initiatives that may become apparent after the current round of initiatives have been implemented; on-going cycles of regulatory updates allows the regulations to evolve with	Researching	Unfunded/Requested	Permit Sonoma	Lead	CAO	Tax Revenue	1-2 Years			
H 2.1.2	Collaborate and advocate on land use planning issues related to housing production, including General Plan update and for an environmentally appropriate and effective conservation and mitigation strategy update.	Researching	Unfunded/Requested	Permit Sonoma	Partner	CAO	Tax Revenue	0-1 Year	General Plan Update including Housing and Safety & Resiliency Elements will be initiated in 2019.		
H 2.1.3	Continue to identify areas to address fire recovery regulatory changes related to increasing regulatory certainty, structure resiliency, and other, yet to be identified opportunities	Researching	Funded	Permit Sonoma	Lead	CAO	Tax Revenue	0-1 Year	These efforts are on-going. Current efforts are focused on enforcement for fuel reduction, HMGP grant outreach, and other efforts within the Fuels Reduction and Landscape Resiliency Campaign.		
H 2.1.4	Increased the allowable residential floor area in mixed-use projects from 50 percent to 80 percent	Complete	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year			
H 2.1.5	Shifted collection of affordable housing fees until near occupancy, rather than at permitting	Complete	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year			
H 2.1.6	Allowed small single room occupancy (SRO) projects as a permitted use and removed the existing 30-room limit for larger SRO projects	Complete	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year			
H 2.1.7	Allowed transitional and supportive housing in all zoning districts that allow single-family dwellings	Complete	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year			

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H 2.1.8	Analyzed roughly 16,000 possible housing units in the development pipeline countywide. Current analysis has been to identified high level status of projects to help determine those projects furthest along in the process. Further analysis is needed on a case by case basis with the developer and local jurisdiction as opportunities to participate are identified.	Underway	Funded	Permit Sonoma	Partner		Tax Revenue	0-1 Year	As part of the RED project, the criteria to prioritize which projects to focus on within the permit pipeline has begun.		
H 2.1.9	Consider opportunities for modernization and standardization of permitting to make it easier for developers to submit applications countywide	Researching	Unfunded/Un certain	Permit Sonoma	Stakeholder	CAO	Tax Revenue, Private Funds	3 + Years	In early 2019, the County will begin considering sites in urban service areas for rezoning for higher density, affordable, or workforce housing.		
H 2.2.1	Increased the maximum size of accessory dwelling units (ADUs) to 1,200 square feet	Complete	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year			
H 2.2.2	Reduced fees on smaller ADUs to encourage smaller units that are affordable by design	Complete	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Year			
H 3.1.1	Facilitate construction hardening techniques appropriate for wildfire/urban interfaces and seismic retrofits for rebuilding and existing homes through education and grant programs. Seek Hazard Mitigation Grant for provide assistance for structures at risk of wildfires within high risk areas. Seek Hazard Mitigation Grant for provide assistance for seismic retrofits within high risk areas.	Underway	Unfunded/Requested	Permit Sonoma	Partner	CDC, CAO	Federal Grants	0-1 Year	For both WUI and Seismic Retrofit Programs: FEMA HMGP Grants have been applied for and the WUI grant was approved by the State while the Seismic grant is waitlisted. Separately from the Permit Sonoma applications, CDC received an HMGP grant from the prior California Valley and Butte fire disaster funds that were remaining to be spent in California to provide earthquake stabilization bracing to mobile homes in Sonoma County. As of December 2019, 247 MH's have received assistance. CDC is set to earthquake brace another 350 mobile homes before the end of September 2020.	For the WUI Program: waiting for Federal FEMA HMGP funding decisions. The WUI Grant funding award anticipated in the 1st quarter of 2020. Initial notice of funding availability has been received and contracts are being developed to receive funding.	
H 3.1.2	Help property owners navigate vegetation management opportunities through partnership with Fire Safe Sonoma and similar programs	Researching	Unfunded/Requested	Permit Sonoma	Partner	Permit Sonoma, CAO	Tax Revenue	0-1 Year	These efforts are on-going. Current efforts are focused on enforcement for fuel reduction, HMGP grant outreach, and other efforts within the Fuels Reduction and Landscape Resiliency Campaign.	Meeting with FSS in January 2020 to discuss deliverables for funding.	
H 3.1.3	Advocate for funding opportunities for private property vegetation management to complement creating safe zones around homes in high risk areas	Researching	Unfunded/Requested	Permit Sonoma	Partner	Permit Sonoma, Parks and Open Space, CAO	Tax Revenue	0-1 Year	These efforts are on-going. Current efforts are focused on enforcement for fuel reduction, HMGP grant outreach, and other efforts within the Fuels Reduction and Landscape Resiliency Campaign.		
H 3.2.1	Facilitate climate positive construction techniques for building/rebuilding homes through consultation and project planning assistance from the Energy and Sustainability Division of General Services	Underway	Funded	General Services	Lead	ACTTC, Permit Sonoma, CAO	Public Goods Charges	0-1 year	Currently, SCEIP finances for improvements that can make a home more fire hardened as long as those improvements meet the Program's energy requirements (e.g. roofing, siding, windows and air sealing). SCEIP has been actively marketing this aspect of the program through a postcard mailer to the roughly 1,512 properties in Sonoma that are part of CalFire's very high fire severity zone. In addition to the mailer, there is a social media campaign and both print and digital ads in the Press Democrat.		
H 3.2.2	Facilitate building/rebuilding housing with clean energy programs through Sonoma Clean Power grant program	Underway	Funded	General Services	Supporter	Permit Sonoma, CAO	CPUC-BAAQMD,, SCP - Rate payers	0-1 year	Through Sonoma Clean Power's Advanced Energy Rebuild program, fire survivors can receive incentives of up to \$17,500 to help incorporate energy-saving features into their new homes. Other programs include free replacement Electric Vehicle chargers to fire survivors who lost theirs, as part of the Drive EV program. SCP is also building an educational facility to promote carbon-free technologies such as heat pumps and induction cooktops in downtown Santa Rosa, which will open later in 2019.		
H 4.1.1	Continue Resiliency Permit Center to expedite fire recovery permits	Underway	Funded	Permit Sonoma	Lead		Tax/Fee Revenue	0-1 Year	Services at the Resiliency Permit Center began February 13, 2018. The Resiliency Permit Center has issued more than 1,000 permits through December 31, 2019. In November 2019, amended the existing Complex Fire agreement to add scope for fire reconstruction permitting and inspection services for properties impacted by the Kincadee Fire.		
H 4.1.2	Provide for Regulatory Relief in the Sonoma Complex Fire Disaster Recovery Area	Underway	Funded	Permit Sonoma	Lead		Tax Revenue	0-1 Years (by end of 2019)	Chapter 40 (Sonoma Complex Fire Disaster Recovery) was adopted by urgency ordinance in 2017 and extended during 2019 until the end of 2021. Additionally, Chapter 40A of the Sonoma County Code, titled Kincadee Fire Disaster Recovery, was added until the end of 2021.		
H 4.2.1	Seek Federal, State, and other funding to assist rebuilding gaps for those seeking to rebuild after the fires	Underway	Unfunded/Requested	CDC	Lead	CAO	Federal Grants, State Grants, Private Funds	0-1 Years	HCD's CDBG-DR Action Plan states an ongoing commitment to identify and leverage other federal and non-federal funding sources. The state has authorized many housing programs that may complement the recovery effort. These programs are either competitive or issued based on a formula allocation; no loans or grants are made directly to individual households. Cities, counties, qualified CHDOs, affordable housing corporations, and other qualified applicants may apply to build more affordable housing in their community to speed recovery. The programs detailed here are currently funded by HCD.	Apply for Low Income Housing Trust Fund matching dollars from the State to augment County Fund for Housing. State NOFA anticipated to be released in April 2020.	
H 4.3.1	Facilitate navigation assistance, including navigation to financial advising, insurance claim assistance, and professional building services for those seeking to rebuild	Researching	Unfunded/Requested	CAO	Partner	Health Services, Human Services	Tax Revenue	0-1 year	Staff has begun information gathering and gap analysis, including determining what key stakeholders and partners needs and wants may be, what organizational models are available, and what policies may be		

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H 4.4.1	Continue to advocate for assistance with insurance issues with the State	Underway	Funded	CAO	Lead		Tax Revenue	0-1 Years	The County met with Insurance Commissioner in February 2019 to discuss insurance challenges for Sonoma County wildfire survivors including the upcoming expiration of additional living expenses and the many survivors that were underinsured and unable to rebuild. Follow up meetings are being scheduled in Sonoma County.		
H 5.1.1	Continue process to secure a housing developer for 2150 W College	Underway	Funded	CDC	Lead	County Counsel	Tax Revenue	0-1 Years	Housing developer secured on 12/11/18. An Exclusive Negotiation Agreement (ENA) executed in February 2019.		
H 5.1.2	Continue process to develop housing at Roseland Village	Underway	Funded	CDC	Lead	County Counsel	Tax Revenue	0-1 Years	A Disposition and Development Agreement (DDA) was executed in March 2019.		
H 5.1.3	Continue efforts to repurpose/sell the Chanate campus as allowed under California statute	Underway	Funded	General Services	Lead	County Counsel	General Fund	0-1 year	General Services continues to pursue the Chanate campus.	Board direction to staff was provided in September. Negotiations are underway.	
H 5.1.4	Explore the potential for housing as part of a mixed-use development on the County Administration Center property	Underway	Unfunded/Requested	General Services	Lead	CAO	General Fund	0-1 year	Board direction to staff was provided in September. Negotiations are underway. On July 23, 2019, the Board approved a consulting contract with Project Finance Advisory Limited (PFAL) who is helping the County evaluate opportunities to consolidating buildings on the campus or moving administrative functions elsewhere. In August and October 2019, staff confirmed the project goals and objectives by engaging internal & external stakeholders. On December 10, 2019, the Board accepted staff's recommendations for site evaluation criteria for potential new County Government Center options to be considered.	The next phase of Site Evaluation is the "Development of Criteria" phase to develop criteria that will be used to evaluate opportunities at each of the sites under consideration (Civic Center, the downtown Santa Rosa, and near the Airport). It is anticipated that site recommendations and funding analysis will be developed in the first Quarter of 2020, with a final report for Board of Supervisors consideration later in 2020.	
H 5.2.1	Continue to identify possible housing opportunities on other County-owned land	Underway	Unfunded/Requested	General Services	Lead	CAO	General Fund	0-1 year	General Services continues to consider various county facilities as may be appropriate for housing development.		
H 5.3.1	Evaluate the need for construction worker housing and whether opportunities exist on County owned properties	Scoping	Unfunded/Requested	General Services	Lead	Permit Sonoma, CAO	General Fund	0-1 year	General Services would require funding to pursue construction worker housing on County property.		
NR 1.1.1	Assess fire impacts to carbon storage and identify carbon-wise options for fuel load reductions.	Underway	Funded	Ag + Open Space	Lead	UCCE	Unknown	0-1 Years	Ag + Open Space conducted research evaluating multiple aspects of the fires - including carbon impacts, fuel loading, and relative damage to particular land cover types (e.g., agriculture, riparian zones). Hosted a Post-Fire Data & Assessment Workshop in March 2019 with review of data products, research results and updates on related post-fire studies.		
NR 1.1.2	Consider fuel and fire break benefits in identifying potential forest, woodland, and shrubland land acquisitions, conservation easements, and/or development right transfers.	Underway	Funded	Ag + Open Space	Lead	Regional Parks; Permit Sonoma	Tax Revenue	0-1 Years	Ag + Open Space has draft updates to standard conservation easement language to ensure best practices for fire management are allowed. Data from the NASA funded research is being applied to inform priority areas for forest resiliency and management.		
NR 1.1.3	Assess fuel risks and tree mortality along public right of way in northwest Sonoma County to prioritize treatment locations.	Underway	Funded	TPW	Lead	Permit Sonoma	State Grant (Cal Fire)	1-2 Years	Project commenced December 2018, and is proceeding on schedule. Initial community outreach and roadside fuel assessments have begun, despite minor delays during flooding in February 2019. Ordered vehicle and chipper that will be made available as part of the community outreach and engagement portion of this project.	Release RFP for arborist assessment, followed by a contract for tree removal. Work is expected to commence in 2020.	
NR 1.1.4	Collaborate to create and maintain a decision support resources that gather relevant scientific base data, human and ecosystem assets at risk, driving factors controlling fire hazards that can be accessible to public and private decision makers as they identify and prioritize fuel load and other resiliency management actions.	Scoping	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Permit Sonoma; Regional Parks; Ag + Open Space; ISD	Unknown	1-2 Years	Permit Sonoma Fire Prevention submitted a CAL FIRE grant in partnership with Pepperwood Preserve and Fire Safe Sonoma in December 2018 to create a "Fine-Scale Decision Support Data Toolkit" that would provide much needed accurate fuels assessment to help fire agency staff and the public accelerate the scale and pace of hazardous fuels reduction in priority locations across the county. Sonoma Water, as part of a team with the Conservation Biology Institute and the U.S. Geological Survey California Water Science Center, submitted a \$ 400,000 request to the North Coast Resource Partnership's Proposition 1 Integrated Regional Water Management Grant Program in March 2019 to develop a decision system (DSS) that identifies and prioritizes the location and type of fire risk mitigation projects needed to be most effective in protecting the Lake Sonoma Watershed.		
NR 1.1.5	Based on best available science, consider designating various forest fuel management land use overlays that could impose restrictions to improve community safety.	Researching	Unfunded / Uncertain	Permit Sonoma	Lead	Ag Comm	Unknown	3+ Years	ORR staff have been tracking emerging guidance from the Governor's Forest Management Task Force and recent state legislation that may provide templates and/or supportive guidance for land use decisions.		

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NR 1.1.6	Based on best available science, consider designating various forest fuel management land use overlays that feature incentives to improve community safety.	Researching	Unfunded / Uncertain	Permit Sonoma	Lead	Ag + Open Space; UCCE	Unknown	3+ Years	ORR staff have been tracking emerging guidance from the Governor's Forest Management Task Force and recent state legislation that may provide templates and/or supportive guidance for innovative land use decisions.		
NR 1.2.1	Implement preventative fuel load reduction and fuel breaks along public road rights-of-way, according to priorities informed by NR 1.1.	Ongoing	Unfunded / Requested	TPW	Lead		Tax Revenue; State Grants	1-2 Years	Transportation and Public Works and Permit Sonoma Fire Prevention (in partnership with Fire Safe Sonoma) are implementing the 'Northwest Roadway Safety, Fuels Reduction, and Community Chipper and Engagement Project', funded by a \$1.7 million Fire Prevention Grant from CAL FIRE. Since receiving authorization to proceed in December 2018, Transportation and Public Works has completed development of a GIS-based assessment tracking tool, and has begun	Work with Geyserville and County Fire to implement the project.	
NR 1.2.2	Coordinate expedited thinning, burning and grazing projects to reduce fuel loads on properties owned or managed by the County and Special Districts, according to priorities informed by NR 1.1.	Scoping	Unfunded / Uncertain	CAO	Partner	Regional Parks; Ag + Open Space; Sonoma Water	Tax Revenue; State Grants	0-1 Years	Staff have convened and presented at meetings that include both public and private land owners and managers to stimulate progress in particular watersheds and/or by specific communities. Ag + Open Space is performing fuels reduction planning and implementation at District-owned Saddle Mountain Preserve and Paulin Creek Preserve.		
NR 1.2.3	Collaborate to identify and implement fuel breaks in upper Mark West Creek watershed.	Underway	Funded	Regional Parks	Partner	Regional Parks; Ag + Open Space; Sonoma Water	State Grants; Unknown	0-1 years	Regional Parks will be closely monitoring the natural recovery of the newly acquired Mark West Regional Park and has partnered with Pepperwood Preserve on a CAL FIRE grant that includes evaluating fuel breaks and other fire mitigation strategies in the Mark West watershed. Regional Parks will also be including fire management and response as part of developing the park master plan in the coming years.	Regional Parks will utilize recently developed ladder fuel models and collaborate with Calfire to identify ideal locations within Mark West to implement shaded fuel breaks.	
NR 1.2.4	Provide supportive guidance to private property owners and advocate for improved technical, financial, and regulatory conditions to facilitate forest management via multiple strategies and methods that provide ecological and public safety benefits to the community.	Underway	Unfunded / Uncertain	UCCE	Partner	Permit Sonoma; CAO	Tax Revenue; Federal Grants; State Grants	0-1 Years	UCCE has leveraged scientific research and applied expertise available through the University of California and other county UCCE offices to provide a range of outreach activities, educational materials, and training.		
NR 1.2.5	Assist and support increased opportunities for fuel load reduction on private and public lands using grazing (including demonstration projects and updated guidance from Certified Rangeland managers).	Researching	Unfunded / Uncertain	UCCE	Lead	Regional Parks	State Grants; Unknown	1-2 Years	UCCE, under the direction of their Certified Rangeland Manager), has performed extensive outreach and coordination with landowner groups, particularly in the northwest county, on expanding the use of grazing as part of vegetative fuel management. Regional Parks has expanded both the acreage and number of public parks that are being grazed as part of vegetation management programs.		
NR 1.2.6	Encourage the potential creation of volunteer, community-based land stewardship associations (e.g., Prescribed Burn Associations, Grazing Cooperatives), particularly in vulnerable rural areas with high fuel loads.	Scoping	Unfunded / Uncertain	UCCE	Partner		Unknown	1-2 Years	UCCE, in collaboration with the Audubon Canyon Ranch, has launched the "Good Fire Alliance", a community-based effort on which tools to use and associated costs for vegetation management and training opportunities for private landowners in the use of prescribed fire.		
NR 1.2.7	Management of dead and dying Bishop Pine on the Sonoma Coast for fuel load reduction and ecosystem restoration.	Underway	Unfunded / Uncertain	TPW	Supporter	Permit Sonoma	State Grants; Unknown	1-2 Years	Outreach as part of the first CAL FIRE grant-funded roadside fuels project that is now underway, and coordination with Cal Trans and California State Parks as part of the Forest Management Task Force are providing opportunities to connect stakeholders and funding opportunities.	Release RFP for arborist assessment, followed by a contract for tree removal. Work is expected to commence in 2020.	
NR 1.2.8	Assist private property owners with burned parcel revegetation management to promote healthy vegetation structure and density over time.	Underway	Unfunded / Uncertain	UCCE	Partner		Unknown	1-2 Years	Staff has explored options to advocate for and pursue external funding that would provide continued coordination, evaluation and direct assistance to property owners in the burned areas.		
NR 1.3.1	Promote opportunities for landowners and the general public to gain understanding of cultural, economic, and environmental issues about forest stewardship activities as part of demonstration and/or implementation efforts.	Underway	Unfunded / Uncertain	UCCE	Lead	Regional Parks	Unknown	0-1 Years	UCCE has planned multiple workshops and hands-on training opportunities that incorporate public observation and/or education. Regional Parks has provided educational and interpretive activities and materials regarding forest and land stewardship on park lands.		
NR 1.3.2	Participate in the Governor's Forest Management Task Force (FMTF), the Rural County Representatives of California (RCRC), and the North Coast Resource Partnership (NCRP). Our participation will elevate our profile, keep us up-to-date on regulatory, funding, and policy issues, and capitalize on lessons learned elsewhere.	Underway	Unfunded / Uncertain	CAO	Lead	Sonoma Water	Tax Revenue; Unknown	0-1 Years	ORR staff has represented Sonoma County at monthly state-wide Forest Management Task Force (FMTF) meetings since August, and the Northern Regional Prioritization Working Group (NRPWG) since September. Key representatives of the FMTF and NRPWG participated as presenters at the January 2019 Forest Stewardship Campaign's initial summit, and the Sonoma County approach and activities are being recognized as a model effort.		
NR 1.3.3	Evaluate the potential for traditional markets, regulations, and innovative means to improve the health and resilience of Sonoma County forest ecosystems, and provide recommendations that could include local or regional-scale governance structures, tax or fee funding, commercial activities, and landowner cooperative efforts.	Underway	Unfunded / Uncertain	CAO	Partner	Permit Sonoma	Tax Revenue; State Grants	0-1 Years	ORR staff worked with consultant EBalance to prepare a briefing analysis of options and alternatives. Their results are being reviewed and have informed discussions by stakeholders at meetings in January 2019, and their information will be reflected in program discussions and proposals during spring 2019.		

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NR 1.3.4	Assess the potential for improved local-regional commercial markets in small wood biomass and related emerging vegetation management/carbon storage methods.	Researching	Unfunded / Uncertain	CAO	Supporter	Sonoma Water	Tax Revenue; State Grants	1-2 Years	ORR staff has gained access to information and resources regarding state-wide efforts to support improved biomass and related aspects of wood utilization via participation in the Forest Management Task Force.		
NR 2.1.1	Provide technical and resource information to landowners within burned watersheds regarding prevention of erosion, sedimentation, and water quality impairment that may be relevant for approximately five years post-fire.	Completed	Funded	CAO	Partner	Permit Sonoma; Sonoma Water	Tax Revenue	0-1 Years	ORR staff, as lead for the Watershed Task Force, worked in coordination with public information officers in several departments and agencies to produce pertinent information that was distributed using various media formats and platforms at seasonally significant points. Information was prepared and provided to the public in close coordination with the City of Santa Rosa and also with several non-profit partners.		
NR 2.1.2	Assist private property owners with containment BMPs to minimize the risk of debris and toxic material runoff to streams and rivers in early 2018, and with erosion and sediment control BMP installations and maintenance over approximately five subsequent rainy seasons.	Underway	Unfunded / Uncertain	CAO	Partner	Sonoma Water	Tax Revenue; Unknown	0-1 Year	ORR staff as led the local Watershed Task Force, meeting regularly to anticipate, prepare for and respond to winter storms in a coordinated way with other public entities (cities and state agencies). ORR has been overseeing contracts with cooperators that are providing direct technical and material support on private lands through recent contract amendments for Sonoma Ecology Center and Russian Riverkeeper. The cooperators have also been providing additional observations and referrals that ORR passes along for follow-up by Permit Sonoma, TPW, Sonoma Water, etc.		
NR 2.1.3	Assess post-fire stream channel stability and vulnerability to potential secondary fire hazards due to potential flooding, erosion, and sedimentation, and debris flows for approximately five years post-fire.	Underway	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Regional Parks	Tax Revenue	0-1 Years	ORR staff continues to lead an ad-hoc group that is monitoring Mark West Creek as the rainy season progresses. Staff communicates with Sonoma Valley representatives regarding new monitoring needs and solicits monitoring information from various public agencies, non-profits, and academic institutions to help with development of a request for proposals / grant funding proposals on this topic over the next few months.		
NR 2.1.4	Monitor burned public land native vegetation recovery, erosion and sedimentation risks, invasive/noxious species establishment to prioritize and implement remedial efforts as needed to minimize hazards.	Underway	Funded	Regional Parks; Ag + Open Space	Lead	TPW; Ag Comm	Unknown	1-2 Years	Ag + Open Space is carrying out fuels reduction planning and implementation at District-owned Calabazas Creek and Saddle Mountain Preserves, and continues or will establish grazing at several other District-owned properties for vegetation management. Regional Parks has pursued funding to restore large areas damaged by fire suppression and bulldozed fuel breaks. Park staff closely monitor the severe burn areas and drainages on Hood Mountain following major storms. Close monitoring of the unique sergeant cypress "Pygmy forest" is ongoing in partnership with natural resource students from Santa Rosa Junior College.		
NR 2.1.5	Assist private property owners in areas affected by the October 2017 with evaluation of burned vegetation, residual fuel loads, invasive/noxious species.	Researching	Unfunded / Uncertain	Permit Sonoma	Partner	CAO; UCCE; Ag Comm	Unknown	1-2 Years	The Agricultural Commissioner continues to help prevent invasive species on lands disturbed by the fires through inspection of incoming plant shipments. Permit Sonoma Fire Prevention Division staff are distributing educational information regarding residual fuel loads as part of the inspection and enforcement activities.		
NR 2.1.6	Assess, design and implement stabilization and re-vegetation needs on Hood Mountain sites burned or damaged during fire-fighting to prevent flooding, erosion, and debris flows.	Underway	Unfunded / Requested	Regional Parks	Lead		State Grant	1-2 Years	Regional Parks submitted a funding request to FEMA for soil stabilization and revegetation efforts at Hood Mountain (PJ0302). Regional Parks applied for and received grant funding from the Regional Parks Foundation to begin work on re-vegetation prior to the FEMA award. Regional Parks partnered with the SRJC to begin monitoring of the damaged site at Hood Mountain prior to the FEMA award. Regional Parks awarded a contract to the Laguna Foundation to collect and propagate seed for restoration of the site prior to the FEMA award.	Execution of the FEMA grant and onset of implementation are antipated by early 2020.	
NR 2.1.7	Assist with/request mapping and prioritization of vulnerable hillslopes and/or earthen dams within burn areas	Researching	Unfunded / Uncertain	Permit Sonoma	Supporter	Regional Parks	Unknown	1-2 Years			
NR 2.1.8	Support manure management planning for private equine properties within burned watersheds.	Researching	Unfunded / Requested	UCCE	Supporter	Permit Sonoma	State Grant	1-2 Years			
NR 2.1.9	Collaborate to provide guidance and support funding efforts for owners of individual or shared private roads and bridges with post-fire erosion and sediment control.	Ongoing	Unfunded / Uncertain	TPW	Supporter	Permit Sonoma; Sonoma Water	State Grant; Unknown	1-2 Years	While this does not fall within TPW's jurisdiction, we are providing resources and expertise for these issues.	Continue to work with Permit Sonoma as needed.	

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NR 2.2.1	Prioritize fuel load reduction benefits as ranking criteria in the storm water resource planning process.	Completed	Funded	Sonoma Water	Lead	Permit Sonoma	State Grant	0-1 Years	Sonoma Water incorporated conservation and env. enhancement benefits as a ranking criteria in the Southern Sonoma County Storm Water Resources Plan completed in December 2018. Sonoma Water also supported use of these criteria in the Russian River Watershed Association's Storm Water Resources Plan completed in July 2018.		
NR 2.2.2	Support invasive species control and management on private lands disturbed by the fires and/or fire-fighting efforts. Conduct outreach with pest control businesses to ensure compliance with applicable pesticide regulations within the fire areas during rebuilding and vegetation recovery.	Underway	Unfunded / Uncertain	Ag Comm	Lead	UCCE	Tax Revenue	0-1 Years	The Agricultural Commissioner has performed inspections of incoming plant shipments and conducted outreach to pest control businesses to ensure compliance.	Continue performing inspections of incoming plant shipments and outreach to pest control businesses.	
NR 2.2.3	Map potential riparian (and shoreline) buffers of adequate width, length, hydrology, soils and vegetation to provide effective fuel breaks, flood conveyance and groundwater recharge. Include all functional low fuel load/high moisture land uses (e.g., storm water basins or water storage ponds; irrigated fields, pastures, or recreation facilities, native riparian, wetlands, or managed grasslands).	Underway	Funded	Ag + Open Space	Lead	Sonoma Water	Taxes Revenue; State Grants	0-1 Years	Ag + Open Space completed countywide vegetation and habitat mapping in May 2017, and is finalizing a countywide riparian floodplain dataset		
NR 2.2.4	Apply fire and drought research to our local setting, offer trainings, and facilitate implementation of resilient landscaping principles as the fire-damaged areas recover and rebuild.	Underway	Unfunded / Uncertain	UCCE	Partner	Sonoma Water	Tax Revenue; State Grants; Private Funds	0-1 Years	The UCCE Master Gardener Program, in partnership with the City of Santa Rosa, Sonoma Water, Habitat Corridor Project and Santa Rosa Junior College, developed a series of with sustainable and firewise landscape designs that are open source and available to the community for use (see web site at http://www.livinglearninglandscapes.com/). The landscape design plans are being installed as demonstration gardens on the SRJC campus; two gardens are installed, a 3rd is being installed this fall, with the remainder of the designs being installed in 2020 for a total of 8 demonstration gardens. The UC Master Gardener Program continued to offer lectures and information tables on firewise landscaping to the community, and participated in Sonoma Ready Day on 9/8/19 with an info table.	In partnership with Sonoma Ecology Center, Habitat Corridor Project and County of Sonoma office of Fire & Emergency Services, the UC Master Gardener program is developing a new workshop model to conduct workshops with Sonoma County neighborhoods on sustainable and firewise landscape design for individual homeowners as well as neighborhood considerations.	
NR 2.2.5	Collaborate with qualified public entities, researchers, and NGOs to identify and prioritize stream corridor and/or other open space parcels that would contribute to a network providing resiliency to future fire, floods, and drought.	Scoping	Unfunded / Uncertain	CAO	Partner	Ag + Open Space; Regional Parks; Sonoma Water; Permit Sonoma	Unknown	3+ Years			
NR 2.2.6	Evaluate policies and regulatory framework that could facilitate future acquisition (in fee title/easement with transfer of development rights) of parcels suitable for integration in multi-benefit green breaks by public agencies or NGOs qualified to assume management responsibility.	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Unknown	3+ Years			
NR 2.2.8	Evaluate opportunities to work with willing sellers to purchase (in fee title/easement with transfer of development rights) of parcels suitable for integration in multi-benefit green breaks by public agencies or Non-Governmental Organizations qualified to assume management responsibility.	Underway	Unfunded / Uncertain	Ag + Open Space	Lead		Unknown	3+ Years	Ag + Open Space pursued and completed purchase of two properties within the Tubbs fire perimeter. Transferred ownership of those properties along with 3 others to Regional Parks subject to a conservation easement ensuring that over 1,100 acres of land will remain as a urban buffer in that area. Acquired a conservation easement over 1,300 acres within the Nuns Fire Perimeter in May of 2020.		
NR 2.3.1	Prioritize easements and acquisitions within the WUI and areas affected by 2017 fires that have appropriate ecosystem and fire hazard reduction benefits.	Underway	Funded	Ag + Open Space	Lead		Tax Revenue; State Grants	0-1 Year	In March 2019, Ag + Open Space released NASA-funded research results and geospatial data resources on the Sonoma Veg Map site for use in planning, prioritization and decision support for fuels reduction and other management actions.		
NR 2.3.2	Gather, review, and describe applicable policies, practices, and regulations from similar regions that are successful in providing fire and flood resiliency for natural	Scoping	Unfunded / Requested	Permit Sonoma	Lead	UCCE	Unknown	1-2 Years	Permit Sonoma and ORR staff have pursued potential planning support services from outside organizations to help streamline the delivery of information from other jurisdictions.		
NR 2.3.3	Coordinate to consider both ecological and emergency access requirements for long-term management along fire-fighting scars on parks and other public lands within the burned zone	Researching	Unfunded / Uncertain	Regional Parks	Partner	Ag + Open Space; Permit Sonoma; FES	Unknown	1-2 Years	Regional Parks submitted for a federal Hazard Mitigation Grant to create fire plans for all of our parks that was not approved for additional consideration.	Regional Parks is researching re-submitting a grant for fire planning in the 2020 cycle of Calfire Fire Prevention Grants.	
NR 2.3.4	Pursue cooperative vegetation management planning in vicinities/neighborhoods with several jurisdictions (e.g., Oakmont)	Scoping	Unfunded / Requested	Regional Parks	Partner		Unknown	1-2 Years	Regional Parks has partnered with Pepperwood Preserve on a Cal Fire grant to develop a working model for meaningful and fire science informed vegetation management in the Mark West watershed. We will continue to seek projects and funding to broaden these efforts countywide.	Regional Parks will utilize recently developed ladder fuel models and collaborate with Calfire to identify ideal locations within Mark West to implement shaded fuel breaks.	
NR 2.3.5	Evaluate and consider expansion and adaptation of wildland urban interface (WUI) and community separator planning concepts to include possible "green breaks" with	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Unknown	3+ Years	Permit Sonoma and ORR staff have been tracking research and recommendations from other communities and organizations.		

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NR 2.4.1	Coordinate with partners regarding planning and implementation of multi-benefit stream rehabilitation/restoration projects on public and private lands.	Researching	Unfunded / Uncertain	Sonoma Water; Ag + Open Space	Partner	Regional Parks	Unknown	1-2 Years	Ag + Open Space research and mapping of riparian corridors and Sonoma Water's multiple-benefit storm water resource planning were recently completed.		
NR 2.4.2	Identify existing hazard trees on public land suitable for beneficial reuse as Large Woody Debris (LWD) in aquatic habitat restoration projects and facilitate their storage and distribution to appropriate agencies and organizations.	Scoping	Unfunded / Uncertain	Sonoma Water	Partner	TPW; Regional Parks	State Grant; Federal Grant	1-2 Years	Initial coordination by various members of the Watershed Task Force explored and tested the technical, permitting, and financial feasibility of reusing hazard trees from the public right-of-way during the first phase of contract work in 2018.		
NR 2.4.3	Work with public and private partners to improve preparedness for water quality Best Management Practice (BMP) deployment in future emergencies; develop informal agreements regarding materials, methods, working relationships, responsibilities and geographic coverages to help address potential BMP needs on private lands.	Scoping	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Permit Sonoma;	Unknown	1-2 Years	Staff, as part of the Watershed Task Force, has gathered information about the potential effectiveness of our public and private partnerships in responding to the 2017 wildfires. Sonoma Water coordination and collaboration with stakeholders in Lake Sonoma Watershed to improve preparedness.		
NR 2.4.5	Collaborate with adjacent landowners to improve management practices that could result in enlarged, effective multi-benefit buffers around parks and other public lands.	Researching	Unfunded / Uncertain	Regional Parks	Partner	Ag + Open Space; TPW	Unknown	3+ Years	Regional Parks partnered with Ag + Open Space, State Parks, Sonoma Land Trust, Audubon Canyon Ranch, and Sonoma Mountain Ranch Preservation Foundation to form the Sonoma Wildlands Collaborative. This group is working collaboratively to manage over 18,000 acres in the Sonoma Valley Area to increase landscape resiliency to fire. Successes of the Sonoma Valley Wildlands Collaborative include a successful application to Calfire's Fire Prevention grant program. Regional Parks continues vegetation management on properties that Parks owns and/or operates. Vegetation manageing includes: grazing, mowing, weed whacking, and prescribed fire with more acres actively grazed, burned, and mowed than ever before. Parks is actively establishing shaded fuel breaks to strategically reduce ladder fuels near communities, and partnering with neighbors and community groups to facilitate volunteer vegetation projects.	Execution of the Calfire grant and onset of implementation including are antipated by early 2020. Implementation is seasonal and ongoing with ever increasing scope of vegetation management. A prescribed fire is planned for Fall 2019 at Sonoma Valley Regional Park as conditions and resources allow.	First prescribed fire in Regional Parks history on 6/17/2019
NR 2.4.6	Consider expanding stream maintenance activities in public responsibility reaches to foster flood conveyance, protect water quality and aquatic habitat, and provide fuel breaks.	Researching	Unfunded / Uncertain	Sonoma Water	Lead	Regional Parks	Charges for Service	3+ Years			
NR 3.1.1	Engage the general public and specific stakeholder groups in physical and virtual visits to burned lands, via Nature Heals series and fire interpretive trail(s), along with visits to similar vulnerable lands for comparison.	Completed	Funded	Regional Parks	Lead		Unknown	0-1 Years	Regional Parks presented public programs, produced post-fire interpretive information, created virtual visits and videos of the park landscapes recovering from the wildfires, and has facilitated access including interpretive and guided, healing hikes.		
NR 3.1.2	Conduct focused landowner and community outreach and conversation about fire risks, fuel reduction, and forest management within the water supply priority watershed of Lake Sonoma.	Completed	Funded	Sonoma Water	Partner	FES	Private Grant (PG&E)	0-1 Years	Sonoma Water staff, working with Ag Innovations via PG&E funding, developed and conducted a formal outreach program to engage with landowners and many related public stakeholders of the 83,000 acre Lake Sonoma Watershed that identified community priorities for data gathering, planning, and implementation.		
NR 3.1.3	Participate in reporting post-fire natural resources monitoring data results and interpretations via a range of platforms, in culturally relevant ways, addressing broad audiences as well as specific stakeholder groups.	Underway	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Ag + Open Space; Regional Parks; UCCE;	Unknown	0-1 Years	ORR is reaching out to various county agencies and partners that have been conducting post-fire studies to request updates and help inform a specific communications and outreach plan that can be used during implementation of the R&R Framework.		
NR 3.1.4	Facilitate public access to the improved rainfall, runoff, and natural hazards monitoring network (e.g., Sonoma OneRain), to improve awareness and knowledge of recovery status and secondary hazard risks in the burned areas.	Underway	Unfunded / Uncertain	Sonoma Water	Partner	Permit Sonoma	State Grants; Private Grants	0-1 Years	Sonoma Water staff developed, installed and operated a network of rain and streamflow gages in and around the 2017 burn areas, accessible on-line via 'OneRain'. Sonoma Water submitted a funding request to FEMA for advanced Radar Flood Warning System that will improve forecasting and real-time information in recent or future burned zones (PI0277)		

Recovery and Resiliency Framework Actions List

Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Funding Source	Launch Timing	Accomplishments	Next Steps	Key Milestones
NR 3.1.5	Increase the integration of the weather, streamflow, water quality and fire detection systems (e.g., cameras) monitoring network with planning and permitting of forest and stream management actions.	Underway	Funded	Sonoma Water	Partner	Permit Sonoma	Federal Grants; Private Grants; Tax Revenue	0-1 Years	Sonoma Water, with direction from the Board, invested \$500,000 in fire cameras, with an initial focus on the Lake Sonoma Watershed. Collaborative planning with the County and partners has expanded acquisition opportunities and deployment of fire cameras throughout Sonoma and neighboring counties. The Department of General Services submitted a FEMA funding application (PJ0452) in support of this effort.		
NR 3.1.6	Expand citizen-scientist participation in data collection for on-going natural resources monitoring and/or event response and recovery documentation (including public schools, 4-H or other youth programs).	Underway	Unfunded / Uncertain	UCCE	Partner	Superintendent of Schools	State Grants; Private Grants	0-1 Years			
NR 3.1.7	Use inspection and enforcement activities as opportunities to inform and educate regarding required and recommended land, vegetation, soil and water management practices.	Researching	Unfunded / Uncertain	Permit Sonoma	Lead	Ag Comm	Tax Revenue	1-2 Years	Permit Sonoma Fire Prevention Staff have developed updated educational and notification materials about hazardous vegetative fuels treatment for distribution in April/May 2019. Permit Sonoma submitted funding requests to FEMA for related efforts (PJ0476 and PL0533).	Regarding educational and notification materials, working with SEC & Fire Safe Sonoma to update materials for 2020 inspection season.	
NR 3.1.8	Perform outreach and education to inform public about ecological importance of forests and the critical role (and native cultural history) related to prescribed and managed burning and grazing.	Researching	Unfunded / Uncertain	UCCE	Partner	Superintendent of Schools	Unknown	1-2 Years			
NR 3.2.1	Contribute to field assessments and analysis of monitoring and remote sensing data to assess fine-scale burn severity, vegetation mortality, carbon loss, slope stability, erosion and sedimentation, and stream channel response to fire damage.	Underway	Funded	Ag + Open Space	Partner	Sonoma Water	Federal Grant (NASA)	0-1 Year	Ag + Open Space recently released NASA-funded research results and geospatial data resources for use in planning, prioritization and decision support for fuels reduction and other management actions.		
NR 3.2.2	Research potential future fire hazards to water supply / water quality via possible contamination of the natural filtration provided by the gravels underlying the Russian River.	Underway	Funded	Sonoma Water	Partner		Tax Revenue; Charges for Service	0-1 Years	Sonoma Water has expanded the water quality monitoring with the US Geological Survey and the Lawrence Livermore National Laboratory to specifically address potential risks of potential fire-related toxics or other impairment of the natural filtration functions of the river bed.		
NR 3.2.3	Conduct post-fire field and modeling research on soil, runoff, and debris flow hazards to assess variability between geologic units and vegetation types in Sonoma County; support improved secondary hazard forecast modeling.	Underway	Funded	Sonoma Water	Partner	Regional Parks	Tax Revenue; Charges for Service; Federal Grants	0-1 Years	Sonoma Water has been collaborating with the US Geological Survey on post-fire studies to collect empirical data and refine numerical models of secondary hazards, and Regional Parks have cooperated to host research.		
NR 3.2.4	Conduct and collaborate on studies evaluating how initial land use/vegetation type and condition affected fire damage and recovery progress, featuring impacted public and protected lands as case studies.	Underway	Unfunded / Uncertain	Ag + Open Space	Lead	UCCE; Ag Comm	Unknown	0-1 Years	In March 2019, Ag + Open Space released NASA-funded research results and geospatial data resources on the Sonoma Veg Map site for use in planning, prioritization and decision support for fuels reduction and other management actions		
NR 3.2.5	Estimate the economic value of ecosystem services lost due to the 2017 fires to assist with cost/benefit analysis of various policy and planning decisions, and support funding requests.	Underway	Unfunded / Uncertain	Ag + Open Space	Lead	Sonoma Water	Unknown	1-2 Years	Ag + Open Space has performed analysis to broadly document economic values of land cover types and is in the process of developing a case study on resilience to climate change and natural hazards (fire, flood, and drought) through land conservation and stewardship.		
NR 3.2.6	Fill key data gaps regarding ecosystem services valuations that can guide prioritization of forest management actions and assist in choosing/pursuing various organizational options (cooperatives; special districts; Joint Powers Authority; Marketing Order, etc.)	Researching	Unfunded / Uncertain	CAO	Partner		Unknown	1-2 Years	ORR has facilitated discussions between internal and external partners and oversaw informational research about preliminary options and potential benefits and challenges to various forest management approaches in Sonoma County and vicinity.		
NR 3.3.1	Incorporate watershed resiliency and natural resource priorities in the Agriculture + Open Space District's Vital Lands Initiative.	Underway	Funded	Ag + Open Space	Lead		Tax Revenue	1-2 Years	Ag + Open Space has conducted their Vital Lands Initiative process, drafted their approach and will bring the proposal forward to the Board in winter 2019.		
NR 3.3.2	Conduct supplemental studies and mapping to support updates to the seismic hazards of the Rodgers Creek Fault zone for the update to the LHMP	Scoping	Unfunded / Requested	Permit Sonoma	Lead		Federal Grant	1-2 Years	Permit Sonoma has applied for multiple FEMA hazard mitigation grants in support of these efforts (PL0482 & PL0485).		

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NR 3.3.3	Explore modifications to County Code and Ordinances that will advance Natural Resources resiliency and community safety.	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Tax Revenue	1-2 Years	Permit Sonoma and CAO staff included effort for considering permanent or interim regulatory changes in the expanded fuels reduction and landscape resiliency campaign proposal to the Board of Supervisors in April 2019.		
NR 3.3.4	Highlight watershed resiliency and natural resource priorities in the General Plan update.	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Tax Revenue	3+ Years			
NR 3.3.5	Incorporate multibenefit projects for watershed resiliency and natural resource priorities in updates to the Storm Water Resources Plans (Russian River and Southern Sonoma County watersheds)	Scoping	Unfunded / Requested	Sonoma Water	Lead	Ag + Open Space; Regional Parks; Permit Sonoma					
NR 3.3.6	Coordinate and collaborate to craft environmentally responsible conservation and mitigation for listed species and wetlands/waters of Sonoma County with programs, policies and mitigation strategies that reduce development uncertainty while protecting natural resources (e.g., Regional Conservation Investment Strategies Program, Habitat Conservation Plan, or other local plan updates).	Researching	Unfunded / Uncertain	CAO	Partner	Permit Sonoma	State Grants; Unknown	3+ Years	ORR and Ag + Open Space staff have been researching the potential applicability of the California Department of Fish & Wildlife's Regional Conservation Investment Strategies Program to Sonoma County, including informational presentations from state staff.		
NR 3.4.1	Use reporting about the roles of natural resources relative to the 2017 fires (positive and negative) to prompt awareness about wildfire, flooding, and drought risk and resiliency.	Researching	Unfunded / Uncertain	Permit Sonoma	Partner	Sonoma Water	Unknown	1-2 Years			
NR 3.4.2	Engage with Tribes to gather their interpretations of recent fire patterns and damage, and solicit guidance reflecting native cultural practices of vegetation management.	Researching	Unfunded / Uncertain	Permit Sonoma	Partner	Sonoma Water; UCCE	Unknown	1-2 Years			
NR 3.4.3	Continue to collaborate with public and private partners to improve the consistency of natural resource management information, avoid duplication of efforts, and increase outreach extent and effectiveness.	Underway	Unfunded / Uncertain	UCCE	Partner	Permit Sonoma; Ag Comm; Sonoma Water	Unknown	1-2 Years			
SN 1.1	Enhance capacity to manage disaster shelters with increased training opportunities and collaboration with community volunteer partners and jurisdictions.	Underway	Funded	Human Services	Lead	Emergency Management, Health Services	Federal Funding, State Funding, Local Funding	0-1 years	1. Human Services Department (HSD) completed a shelter training series in Fall 2018 for more than 130 HSD staff on Shelter Fundamentals, Shelter Management, Access and Functional Needs (AFN). 2. HSD hosted and led a shelter drill at Sonoma State University on September 6, 2018, followed by a seminar for HSD staff and County sheltering partners. In February 2019, HSD was activated for the Winter Storm/ Guerneville flood evacuation and operated shelter for 80 homeless individuals at Grace Pavilion at the Sonoma County Fairgrounds, in partnership with West County Community Services. A total of 62 HSD staff were involved in the Flood response, including operating the Grace Pavilion shelter, EOC work, FAST Teams, etc. 2a. No further update since last quarter. 3. HSD will continue to co-chair the monthly Sonoma County Shelter Council meetings with American Red Cross, including other sheltering partners (jurisdictions within Sonoma County and nonprofits).	1. HSD continues to co-chair the Sonoma County Shelter Council meetings with American Red Cross. The Shelter Council is represented by HSD, DHS, DEM, all the larger cities in the county including Sonoma, Redwood Empire School's Insurance Group, Sonoma State University and several Non-profit agencies. The Shelter Council is currently finalizing the Shelter Handbook for shelter managers to provide guidance on all components involved in operating a shelter including Mass Feeding, Donations Management, Volunteer Management, etc. Another future adventure is to HSD staff created a public facing webpage on SoCo Alert with FAQ's and information for operating shelters during disasters. 2. HSD staff will finalize its after action report on shelter operations by December 31, 2019 and will begin implementing improvements identified in the report. HSD will also work with the General Services Department and the Department of Emergency Management to purchase five shelter trailers to stage equipment and supplies for future sheltering at strategic shelter locations. 3. HSD continues to co-chair the Sonoma County Shelter Council meetings with American Red Cross. The Shelter Council is represented by HSD, DHS, DEM, all the larger cities in the county including Sonoma, Redwood Empire School's Insurance Group, Sonoma State University and several Non-profit agencies. The Shelter Council is currently developing the Shelter Handbook for shelter managers to provide guidance on all components involved in operating a shelter including Mass Feeding, Donations Management, Volunteer Management, etc. Another future adventure is to create a public facing webpage on SoCo Alert with FAQ's and information for operating shelters during disasters.	1. Over 130 HSD staff trained in Shelter Fundamentals, Management, and AFN. 2. HSD collaborated with West County Community Services to open a County run disaster shelter in February 2019 and successfully staffed and operated the facility with nearly 100% of trained HSD staff. 3. The Sonoma County Shelter Council has continued to meet since June of 2018. The Shelter Council is focused on finalizing its Shelter Handbook addressing topics vital to shelter management and providing tools for successful shelter operations. 4. HSD will finalize its Kincade Fire after action report by Debenber 31, 2019 and begin implementing improvements detailed in the report in January 2020. 5. HSD will also work with the General Services Department and the Department of Emergency Management to purchase five shelter trailers to stage equipment and supplies for future sheltering at designated shelter locations.
SN 1.2	Develop a plan to ensure available resources and services at disaster shelter are accessible to non-English speaking and/or undocumented residents.	Underway	Funded	Human Services	Lead	Emergency Management, CAO, Health Services	Federal Funding, State Funding, Local Funding	0-1 years	HSD met two times in 2018 with the North Bay Organizing Projects Immigrant Defense Task Force to discuss ways to ensure bilingual staff are available at shelters. Produced all shelter signage in both English and Spanish during the 2019 Winter Storms and Flood. Accomplishment Update 9-16-19 - HSD addressed concerns and successfully operated our County run shelter in February 2019 without any complaints or concerns from residents in the shelter around language, accessibility or resources.	HSD will continue to provide resources and services to all Sonoma County residents accessing disaster shelters. Not only will we continue to provide signage in both English and Spanish languages at the shelters, but we ensure we have bilingual staff available to translate when needed.	2. HSD collaborated with West County Community Services to open a County run disaster shelter in February 2019 and successfully staffed and operated the facility with nearly 100% of trained HSD staff.

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Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Funding Source	Launch Timing	Accomplishments	Next Steps	Key Milestones
SN 1.3	Explore creation of contingency contracts with eligible food providers to provide healthy and nutritious food services during a disaster.	Underway	Unfunded/ Uncertain	UCCE	Lead	Emergency Management General Services, Human Services, Health Services	Unknown	0-1 years	In August 2019 General Services announced 4 awardees for the solicitation to prequalify food service providers and added them to a list of available providers for disasters. UCCE offered to promote the solicitation, but there was concern that would violate FEMA rules and ultimately there were few responses to the solicitation. Our understanding is that General Services plans to release the solicitation again to try to solicit more responses. UCCE Sonoma, through the Sonoma County Food System Alliance and Sonoma County Food Recovery Coalition, would like the solicitation to be re-issued and would welcome the opportunity to help make local organizations aware of the solicitation in an attempt to increase the response rate.	UCCE Sonoma met with County of Sonoma Purchasing Department to discuss re-issuing an RFQ in 2020 timed with enhanced promotional efforts to increase the participation rate.	3. The Sonoma County Shelter Council has continued to meet since June of 2018. The Shelter Council is focused on finalizing its Shelter Handbook addressing topics vital to shelter management and providing tools for successful shelter operations. 4. HSD will finalize its Kincade Fire after action report by December 31, 2019 and begin implementing improvements detailed in the report in January 2020. 5. HSD will also work with the General Services Department and the Department of Emergency Management to purchase five shelter trailers to stage equipment and supplies for future sheltering at designated shelter locations.
SN 1.4	Consider development of a contingency contract for coordination of food providers during an emergency, including an inventory and mapping of local food resources available throughout the county and nationally during disasters.	Researching	Unfunded/ Uncertain	UCCE	Lead	Emergency Management General Services, Human Services, Health Services	Unknown	0-1 years	UCCE Sonoma developed an organizational chart to model how emergency food response could be structured at a county and local community level. UCCE Sonoma, in partnership with the Sonoma County Food Recovery Coalition, developed a model position description for a paid Food Coordinator in each supervisorial district of the County to facilitate regional emergency food response. These positions would facilitate local networking and mapping of regional emergency food resources to reduce food loss and increase food recovery on an ongoing basis and during disasters.	UCCE Sonoma is coordinating a grant strategy with local non-profit food recovery and distribution organizations, County of Sonoma Environmental Health Services Department, and Zero Waste Sonoma to fund Food Coordinators to develop, inventory, and map Sonoma County's regional food resources for use on an ongoing basis as well as during emergencies. In partnership with the Sonoma County Food Systems Alliance, UCCE Sonoma will host an Emergency Food Response meeting annually to support enhanced communication and coordination, including an event to identify lessons learned from the Kincade Fire and Public Safety Power Outage in early 2020.	
SN 1.5	Provide re-employment assistance for workers who have lost their jobs because employers' businesses were destroyed or impacted by fires.	Underway	Funded	Human Services	Lead	EDB	State Funding through California Employment Development Department	0-1 years	Per the goal: Provide re-employment assistance for workers who have lost their jobs because employers' businesses were destroyed or impacted by fires, there is no further update since last quarter. After 2 years of fire recovery, these activities are complete. Sonoma County Job Link continues to offer employment services and re-employment services for Sonoma County residents.	Per the goal: Provide re-employment assistance for workers who have lost their jobs because employers' businesses were destroyed or impacted by fires, there is no further update since last quarter. After 2 years of fire recovery, these activities are complete. Sonoma County Job Link continues to offer employment services and re-employment services for Sonoma County residents.	1. From FY 2016-2017 to FY 2018-2019, Job Link has seen an increase of 26.8% of unique customers visiting the Job Link Resource Center. 2. FY 2018-2019, Job Link was able to assist an additional 147 clients through our Dislocated Workers grant. 3. From FY 2017-2018 to FY 2018-2019, Business Interactions and Contacts have increased by approximately 30% and Job Link has doubled the number of Layoff Response Events from 6 to 12 since FY 2016-2017.
SN 1.6	Continue housing-related programs in Health and Human Services, including applying for appropriate housing grants.	Underway	Funded	Human Services	Lead	CDC	State Funding, Federal Funding	3+ Years	<u>Employment & Training:</u> E&T continues to implement the CalWORKs Housing Support Program (HSP) for participants of the CalWORKs program. In 2018, the department applied for and received an additional \$350,000 for the HSP. Additionally, in July 2019 the department submitted a request for additional funding, raising the total annual award from \$1.2 million to \$2 million. We have not been notified yet of award. In Fall 2018, Human Services applied for and received a \$300,000 Cal-OES grant to provide housing for individuals fleeing from domestic violence. This grant is short-term, 12 months, but provides an opportunity for the HSD to pilot a more integrated cross-program, interdepartmental approach to housing, called the Housing Assistance Response Team (HART). The funding pays for a housing locator/navigator employed by the CDC as well as contracted domestic violence services through YWCA. To date, the program has 20 individuals/families enrolled/served and has provided an excellent learning lab for permanent improvements in how HSD delivers housing services. <u>Family Youth & Children:</u> In 2016, FYC created a Housing First program for families with child welfare cases access housing, using Title IV-E Waiver funding. Expanded the program through new state funding through the Bringing Families Home project in 2017. Program secures permanent housing for between 50 and 70 families annually with a retention rate of approximately 70% at 6 months. FYC currently funds and contracts for Transitional Housing Program services for foster youth up to age 18 and non-minor dependents (NMD) up to age 24 through a local non-profit organization recognized for excellent work with youth at a state level. Approximately 25-30 youth are participating in housing at any time.	E&T: Expand HSP to serve more CalWORKs families facing homelessness. Institutionalize the HART if funding is available so that the program continues after the grant expires. FYC: Continue advocacy and planning efforts to utilize Sonoma County's allocation of additional state funds for THP programming and housing navigation services for Transition Age Youth that are involved in foster care. <ul style="list-style-type: none">Apply for ongoing funding through the Bringing Families Home project to expand and sustain the Housing First program. The RFP was recently released and new funding will be available after January 2020.Work with the Santa Rosa Housing Authority to apply for new direct assistance vouchers for Transition Age Youth that is currently being offered through HUD. Application is continuous and planning is currently underway.	E&T: HSP housed 78 families in 2018. The goal for 2019 is to house 90 families. The HART has housed or is currently working with 20 families. FYC: <ul style="list-style-type: none">2017: Secured funding for Bringing Families Home, expanding the existing Housing First program by another 50%.2019: Maintained consistent utilization of available Family Unification Program Vouchers at 90%, demonstrating the effectiveness of the partnership between Housing First Case Management services and direct assistance through rental assistance vouchers. A&A: HomeSafe: We have served 26 elder and dependent adult clients in three months. The goal is to serve 300 clients by the end of June, 2021. Housing and Disability Advocacy Program (HDAP): To date, 42 clients have been enrolled and 21 have secured permanent housing. The goal is to serve 83 individuals by June 2020.

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SN 1.7	Utilize funding from the California Office of Emergency Services to support housing efforts for victims of elder abuse and neglect.	Researching	Unfunded/ Requested	Human Services	Lead		State Grants	3+ Years	Adult & Aging: The Emergency Shelter Program (ESP) provides temporary emergency shelter for up to 45 days as well as victim safety counseling and services for elders and dependents adults who are contemplating leaving their abusers or for those whose abusers have already been removed. ESP is funded through a VOCA KE grant from CalOES which concludes September 30th, 2019, however, the Adult and Aging Division fully anticipates CalOES to re-award grant funding through Sept 30th, 2020. (We did not actually state in the reapplication how many clients we hoped to serve this next grant period but I anticipate another 25 clients.)	A&A: Reapplied for VOCA KE grant funding to continue serving our clients in need.	ESP has served 25 clients since June of 2018.
SN 1.8	Pursue education and outreach opportunities to inform residents on public health disaster preparedness, with a focus on individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking.	Researching	Funded	Health Services	Lead	Emergency Management, CAO	Unknown	3+ Years	Participated in Access and Functional Needs Coalition. Built partnerships with American Red Cross (ARC) and Human Services Department (HSD) and with newly-formed National Association of Voluntary Organizations Active in Disasters (VOAD)	Ensure that shelter and communication staff are trained and ready to work with these populations in the case of a disaster.	
SN 1.9	Develop a plan to set up emergency childcare facilities to allow emergency responders and community members to continue critical work needs.	Research	Unfunded/ Uncertain	Health Services	Lead	Human Services	Unknown	1-2 years	Department is researching feasibility of this project	TBD	
SN 2.1	Continue to provide crisis counseling, available county-wide through California HOPE, for residents affected by the fires.	Underway	Funded	Health Services	Lead		Federal Funds, Private Funds	3+ Years	Program completed on 6/30. Made over 90,000 service contacts during the 18-month operational period.	Received a funding extension through Kaiser and the State, and will continue services through 9/30/20	
SN 2.2	Partner with mental health professional associations, healthcare providers, funders, and nonprofits, to identify gaps in and ensure continuity of services.	Underway	Unfunded/ Uncertain	Health Services	Partner		Unknown	3+ Years	Together, with the Wildfire Mental Health Collaborative, ROC Sonoma, the Community Resiliency Collaborative, Disaster Case Management and the COAD, DHS created a service map and worked with clients to navigate services more effectively .		
SN 2.3	Create a plan that addresses the short- and long-term integration of trauma-informed care in the community throughout various institutions, including schools, behavioral health services, and case management.	Researching	Unfunded/ Uncertain	Health Services	Lead		Unknown	1-2 years	Collaborated with Dr. Macy at the International Trauma Center to provide numerous trainings on psychological first aid, skills for psychological recovery and trauma informed care. Provided trainings to community providers, educators, health care centers, and faith-based centers. On August 29, 2019 Public Health's Field Nursing Program provided an all-day training of their enhanced model which utilizes a trauma-informed approach to optimize public health nursing visits to parents and children.	Extend trauma-informed training to additional community partners	
SN 2.4	Create communal healing spaces that open the conversation and destigmatize trauma, including town halls, healing clinics, or community events.	Researching	Unfunded/ Uncertain	Health Services	Partner	Human Services	Unknown	3+ years	Cohort Two of the Center for Mind Body Medicine (CMBM) received 175 applicants and trained 130 community members in delivering mind/body skills groups. Eight-week skills groups initiated in March. To date, 36 groups have been completed are in process. To date, (10) DHS staff trained. Three (3) skills groups completed or in process.	Provision of training to Cohort 3. Development of a Sustainability Team and Community of Practice Team within the Steering Group. Continue to build local capacity for peer supervision	
SN 3.1	Strengthen Accessing Coordinated Care & Empowering Self Sufficiency (ACCESS) Sonoma County Initiative's capacity to coordinate care delivery, inc	Underway	Unfunded/ Requested	Health Services	Lead	Human Services	General Fund	3+ Years	The rapid response Interdepartmental Multi-Disciplinary Team (IMDT) is currently managing the high needs homeless cohorts, including top utilizers of hospital emergency departments, and those with moderate-to-severe mental health conditions. The IMDT has supported efforts to collaborate with other counties. The IMDT continues to work on development and enhancement of the Watson Care Manager technology tool.	Integrate criminal justice diversion cohort into IMDT care model	
SN 3.2	Develop a technology tool to enable cross-departmental coordination and assessment of improvements in the health, well-being and self-sufficiency of high needs clients.	Underway	Unfunded/ Requested	Health Services	Lead	Human Services	General Fund	3+ Years	Developed security policies and safeguards to ensure data protection; created electronic universal consent form that is mobile-enabled Supported cloud migration for Watson Health to the IBM cloud and establishing secure VPN tunnel. Setting up the multi-cloud solution which added the Azure Government Cloud to our IBM solution. Staff continue to identify data from the County's source systems and support programmers extracts into the Connect360 data hub Developed an enterprise security resource for the ACCESS Initiative.	Incorporate universal consent form into Watson Care Manager Integrate community partner access to Watson Care Manager including regional hospitals and community clinics Begin development of 211 system integration with Watson Care Manager IBM will be releasing a report in Dec 2019 on short-term and process outcomes related to the usability of Watson Care Manager and Connect 360.	
SN 3.3	Expand "one-stop-shop" opportunities for residents to receive updated information and resources needed for recovery, which includes navigation assistance for financial advising, insurance claims, and rebuilding for those seeking to rebuild from the fires.	Scoping	Unfunded/ Uncertain	CAO	Lead	Health Services, Human Services, Permit Sonoma, CDC	Unknown	0-1 years			

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SN 3.4	Identify roles and responsibilities of community partners and the County as they relate to recovery activities.	Researching	Unfunded/ Uncertain	CAO	Lead	Health Services, Human Services	Unknown	1-2 years			
SN 3.5	Enhance services and capacity of 211 Sonoma County.	Scoping	Unfunded/ Uncertain	Human Services	Sponsor	Emergency Management, CAO	Federal Funding, State Funding, General Fund, Private Funds	1-2 years	United Way took over as the 211 administrator in July 2019. The HSD Director serves on the Board of United Way and participates on the 211 subcommittee.	New 211 priorities are: -Ensure 211 database is accurate and up-to-date -Provide accessible and user-friendly information and referral services -Increase awareness and use of 211 services -Ensure that 211 is responsible to the individual needs of users -Expand the offering of 211 services Enhance data collection and analytics	211 played an active role in the EOC during the Kincade Fire. UWWC staff were present 24-7 at the EOC providing immediate response to the Sonoma County community regarding all aspects of evacuations, fire and other information.
SN 3.6	Partner with community assessments and surveys and utilize existing community data to inform ongoing recovery priorities.	Underway	Funded	CAO	Partner	Health Services, Human Services	Unknown	1-2 years			
SN 3.7	Partner with community providers (hospitals, clinics, skilled nursing facilities, non-profits, faith-based organizations, etc.) to develop collaborative disaster planning and preparedness efforts.	Underway	Funded	Health Services	Partner	Human Services, Emergency Preparedness	Unknown	1-2 years	Provided yearly training to approximately 100 Community Healthcare Coalition members	Integrate Healthcare Coalition members with other partners to provide care and shelter support within the County	
SN 4.1	Create a comprehensive community needs assessment using a vulnerability methodology that assesses disparities and needs related to health, well-being and self-sufficiency.	Underway	Funded	Health Services	Lead	Safety Net Services County Departments	Unknown	1-2 years	Participated in the development of the Community Health Needs Assessment (CHNA) Completed Summary Measures of Health Report (SMH) looking at disparities in premature death rates by geography, race and ethnicity and gender. Continued work with Bay Area Council Economic Institute to develop a health chapter in the "Profile of Sonoma" with an emphasis on equity.	Collaborative to determine dissemination plan for CHNA. Department to release SMH in October	
SN 4.2	Develop principles and guidelines to launch implementation of performance-based contracting to increase efficiencies and effectiveness of safety net service delivery.	Scoping	Unfunded/ Requested	CAO	Lead	Health Services, Human Services, CDC, Probation	Unknown	0-1 years	On April 2, 2019, Safety Net departments (Department of Health Services, Human Services Department, Probation Department, and Sonoma County Community Development Commission) will ask the Board of Supervisors to approve proposed principles to inform how the Board and Departments contract for and fund safety net services programs. The proposed principles were developed by the Safety Net departments to 1) ensure that policy priorities are addressed in a coordinated and strategic manner, 2) ensure that resources and services are distributed equitably and fairly across regions, 3) promote a fair, open, and competitive process for vendor selection, and 4) reduce confusion among vendors as to how to obtain funding from the county. The principles also outline an initial vision for how the County can track and manage outcomes to improve the performance of safety net programs.		
SN 4.3	Leverage and utilize tools offered by the Government Alliance on Race and Equity network to achieve racial equity and advance opportunities for all.	Underway	Funded	Health Services	Lead	Human Resources, CAO	Unknown	3+ Years	Working with 11 other County Depts. to develop a countywide racial equity resolution and action plan. Providing diversity and implicit bias training to all managers and supervisors, with participation from other County departments	Staff to provide training on equity, implicit bias, and racism to colleagues within their respective departments	