

2023 NAPA COUNTY GENERAL PLAN UPDATE IMPLEMENTATION ACTION ITEMS

(Updated: March 2024)

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Agricultural Preservation and Land Use Element				
Agricultural Preservation Policies				
Policy AG/LU-2: “Agriculture” is defined as the raising of crops, trees, and livestock; the production and processing of agricultural products; and related marketing, sales and other accessory uses. Agriculture also includes farm management businesses and farm worker housing.				
Action Item AG/LU-2.1	Amend County Code to reflect the definition of “agriculture” as set forth within this Plan ensuring that wineries and other production facilities remain as conditional uses except as provided for in Policy AG/LU-16, and that marketing activities and other accessory uses remain incidental and subordinate to the main use.	A \$	PBES	Changes to “marketing” adopted 2010; Changes to “agriculture” adopted in May 2017.
Policy AG/LU-7: The County will research, evaluate, and pursue new approaches to ensure ever stronger protections for the County’s finite and irreplaceable agricultural resources. Approaches to be evaluated shall include implementation of a “Super Williamson Act” program, a conservation easement program or other permanent protections, and programs promoting the economic viability of agriculture.				
Action Item AG/LU-7.1	Work with interested stakeholders to undertake an evaluation of new voluntary approaches to protecting agriculture, including implementation of a “Super Williamson Act” program, a conservation easement program or other permanent protections, and programs promoting the economic viability of agriculture.	Ongoing \$	PBES	Ongoing.
Policy AG/LU-10: New wineries and other agricultural processing facilities as well as expansions of existing wineries and facilities in agricultural areas should be designed to convey their permanence and attractiveness.				
Action Item AG/LU-10.1	Maintain a data base of all wineries including their production capacity, marketing events and other characteristics that could influence analysis of cumulative effects or the winery’s effect on neighbors.	A \$	PBES	Database maintained as ongoing part of PBES work program.
Policy AG/LU-15.5: Where proposed residential, commercial or industrial development abuts lands devoted to agriculture production, the non-agricultural uses shall be required to incorporate buffer areas to mitigate potential land use conflicts as conditions of approval for subdivision or use permit. The type and width of buffer areas shall be determined based on the character, intensity and sensitivity of the abutting land uses.				
Action Item AG/LU-15.5.1	The County will prepare and adopt guidelines and regulations to assist in the determination of the appropriate type and scope of agricultural buffer areas needed in circumstances that warrant the creation of such buffer.	B \$→\$\$\$	PBES	Not yet programmed.
Policy AG/LU-16: In recognition of their limited impacts, the County will consider affording small wineries a streamlined permitting process. For purposes of this policy, small wineries are those that				

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produce a small quantity of wine using grapes mostly grown on site and host a limited number of small marketing events each year.				
Action Item AG/LU-16.1	Consider amendments to the Zoning Ordinance defining “small wineries,” a “small quantity of wine,” “small marketing events,” and “mostly grown on site,” and establishing a streamlined permitting process for small wineries which retains the requirement for a use permit when the winery is in proximity to urban areas.	A \$	PBES	Work commenced as part of the APAC/PC/BOS process in 2013/2014. Small winery ordinance adopted in March 2020. Micro Winery Ordinance adopted in April 2022.
Other Land Use Policies				
<p>Policy AG/LU-30: The County shall use a variety of strategies to address its long-term housing needs and to meet the state and regional housing requirements in its cyclical updates of the Housing Element. In addition to working with the state and ABAG to reduce the County’s regional allocation, these strategies shall include:</p> <ul style="list-style-type: none"> • Consider re-use of former industrial sites designated as Study Area on the Land Use Map to provide for a mix of uses, including affordable and market rate work force housing as appropriate. • Use of overlay designations to permit/facilitate multi-family housing on specific sites within designated urbanized areas shown on the Land Use Map. • Collection and disbursement of housing impact fees to subsidize construction of affordable housing. • Cooperative agreements with incorporated agencies within the County where these jurisdictions are able to accept additional housing requirements in exchange for other considerations. • Actions that provide housing to farm workers and their families. • Use of County-owned land for affordable housing where this land is no longer needed to meet the County’s operational requirements and would be appropriate for housing. • Other policies and programs which address the need for workforce housing. 				
Action Item AG/LU-30.1	Develop a Workforce Housing Ordinance, including revisions to the current Inclusionary Housing Ordinance, to define workforce housing and establish additional workforce and inclusionary housing requirements for all multi-family housing proposals consisting of eight or more units constructed in the unincorporated County. Such an ordinance could also require on-site workforce housing in place of in-lieu fees for any large commercial or institutional projects constructed outside of areas where housing would be inconsistent with the applicable airport land use compatibility plan.	Concurrent with 2008-09 Housing Element Update \$→\$\$\$	PBES CIA	Pilot program adopted in 2010.
<p>Policy AG/LU-33: The County will promote development concepts that create flexibility, economy, and variety in housing without resulting in significant environmental impacts and without allowing residences to become timeshares, resorts, hotels, or similar tourist-type accommodations.</p>				
Action Item AG/LU-33.1	Adopt local guidelines or zoning code definitions to clarify the distinction between single-family residences and commercial short-term guest accommodations, specifying the uses and ownership or rental arrangements associated with each. Also, analyze the prevalence of extremely large residences, and determine whether single family residences above a certain size should require environmental analysis.	A \$\$	PBES	Definition of commercial use ordinance adopted Dec. 2009. Residential building envelope ordinance is in process including stakeholder outreach and public hearings with further Board consideration anticipated in the summer of 2022.
<p>Policy AG/LU-43: Lands along the west bank of the Napa River south of the City of Napa and specific urban areas within four miles of the high-water mark of Lake Berryessa are appropriate areas for marine commercial zoning and development.</p>				
Action Item AG/LU-	Consider amendments to the Zoning Code to allow additional commercial,	B	PBES	Concession agreements have been

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43.1	residential, and mixed uses in the areas currently zoned for commercial use in the Spanish Flat, Moskowite Corner, and southern Pope Creek areas in order to complement recreation activities at Lake Berryessa.	\$		completed for four locations: Steel Canyon, Spanish Flat, Monticello Shores and Berryessa Point.
<p>Policy AG/LU-45: All existing commercial establishments that are currently located within a commercial zoning district shall be allowed to continue to operate and use the existing buildings and/or facilities. Additional commercial uses and mixed residential-commercial uses which are permitted by the existing commercial zoning of the parcel shall be permitted on that portion of the parcel zoned commercial. With respect to Policies AG/LU-44 and 45, due to the small numbers of such parcels, their limited capacity for commercially-viable agriculture due to pre-existing uses and/or size, location and lot configuration, and the minimal impact such commercial operations and expansions will have on adjacent agriculture or open space activities or the agricultural and open space character of the surrounding area, such limited development will not be detrimental to Agriculture, Watershed or Open Space policies of the General Plan. Therefore, such development is consistent with all of the goals and policies of the General Plan.</p> <p>Pursuant to Measure D (1998), existing restaurants qualifying under this policy that are currently located within a commercial zoning district shall be allowed to increase the number of seats accommodated within existing buildings and/or facilities on any parcel designated as a historic restaurant combination zoning district. Due to the small number of such restaurants, limited seating expansions within existing commercial buildings and facilities will not be detrimental to the Agricultural, Watershed and Open Space policies of the General Plan. (See Policy AG/LU-133)</p> <p>Pursuant to Measure K (2008), a parcel which is zoned as an agricultural produce stand may be allowed to establish accessory delicatessen, outdoor barbeque and wine tasting uses. (See Policy AG/LU-136)</p>				
Action Item AG/LU-45.1	Review and revise sections of the Napa County Code that provide the list of land uses permitted on existing commercially zoned parcels to encourage neighborhood-serving commercial uses and new limited accessory dwellings where appropriate.	B \$	PBES	Accessory dwellings now permitted in CL and CN. Additional uses not yet programmed.
<p>Policy AG/LU-48: In recognition of the limited services and employment opportunities available within rural areas, the County shall allow home occupations in circumstances where those occupations do not change the outward appearance of the home or impact surrounding residents or other land uses.</p>				
Action Item AG/LU-48.1	Review zoning code requirements for Home Occupation permits, and update those requirements to provide greater flexibility in situations where there will be no off-site impacts. For example, consider situations in which the use of legal, accessory structures could be permitted, or where home occupations could employ workers other than a single owner/proprietor.	B \$	PBES	Not yet programmed however cottage food ordinance adopted in early 2013 will allow one employee.
<p>Policy AG/LU-49: The County shall use zoning to ensure that land uses in airport approach zones comply with applicable Airport Land Use Compatibility policies. If necessary, the County shall acquire development rights in airport approach zones. This policy shall apply to the Napa County Airport and Angwin Airport (Parrett Field).</p>				
Action Item AG/LU-49.1	Refer General Plan land use changes, proposed rezonings, and proposed developments in Airport Approach Zones to the Napa County Airport Land Use Commission for review and comment.	Ongoing \$	PBES	Ongoing: This referral is routinely accomplished by staff and required by State law.
<p>Policy AG/LU-54.5: Formula businesses are generally viewed as incompatible with Napa County's rural character and shall be discouraged in areas adjacent to incorporated jurisdictions which limit such uses.</p>				
Action Item AG/LU-54.5.1	Develop a definition of 'formula businesses' and amend County Code to ensure compatibility with ordinances related to this issue in Calistoga and St. Helena.	B \$	PBES	Not yet programmed.

Policies Specific to Geographic Areas of Napa County

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<p>Policy AG/LU-94: Sites designated as Study Area on the Land Use Map are urbanized sites adjacent to the City of Napa that shall be considered for revitalization and reuse by a mix of uses via site-specific planning. Site planning shall consider the availability and cost of urban services, opportunities for public access and recreation, impacts and benefits to Napa County and the City of Napa, and the potential for future annexation to the City.</p>				
<p>Action Item AG/LU-94.1 (MM 4.2.1)</p>	<p>Prior to approving non-industrial development, the County shall adopt development standards for the Pacific Coast/Boca and Napa Pipe sites which shall include, but may not be limited to, buffering and visual screening from existing industrial uses and Syar Quarry, design features that include physical buffers (e.g., vegetation, landscape features, or walls in unique circumstances), building placement and orientation in a manner that physically separates these sites from incompatible operations of adjacent uses (e.g., truck traffic, odors, stationary noise sources), and implementation of other measures to address noise and vibration. Standards for the Napa Pipe site shall ensure conformance with the Napa County Airport Land Use Compatibility Plan.</p>	<p>A \$</p>	<p>PBES</p>	<p>Standards will be developed as part of site specific planning and prior to approval of non-industrial uses on these sites; Design Guidelines for the Napa Pipe Project adopted in 2015.</p>
<p>Implementation Policies</p>				
<p>Policy AG/LU-107: The County shall provide a clear, consistent, timely, and predictable review process for all proposed projects, ensuring that all applicants are treated fairly, that staff's analysis is objective, and that decision-makers and interested members of the public receive information and notice as required by law.</p>				
<p>Action Item AG/LU-107.1</p>	<p>Undertake revisions to the zoning ordinance (County Code Title 18), simplifying and reorganizing to the extent feasible so that members of the public, applicants, planners, and decision makers can more easily access information and understand code requirements.</p>	<p>A \$\$\$</p>	<p>PBES</p>	<p>Ongoing and programmed for FY 2022/2023 and in future fiscal years.</p>
<p>Policy AG/LU-114: Zoning shall be consistent with this General Plan. In areas where the zoning and the land use designation shown on the Land Use Map are not identical, rezoning is desirable but not mandated, since consistency is achieved by reviewing the stated policies of the General Plan in addition to the Land Use Map. Table AG/LU-B shall be used to determine consistency for rezoning applications.</p>				
<p>Action Item AG/LU-114.1</p>	<p>Undertake a planning effort to re-evaluate areas of Angwin designated Urban Residential after June 2010, with the objective of re-designating areas to better reflect land uses existing or authorized at that time.</p>	<p>A \$\$\$</p>	<p>PBES</p>	<p>Changes adopted in 2009 and Dec. 2017.</p>
<p>Policy AG/LU-119: The following is the Growth Management System for Napa County:</p> <p>The Growth Management System Element of the Napa County General Plan was adopted as required by Slow Growth Initiative Measure A, approved by the voters in 1980. The Board of Supervisors made the implementation of Measure A a matter of high priority. The Conservation, Development and Planning Department was given primary responsibility to prepare a Growth Management System which satisfied both the intent and letter of Measure A, while at the same time limiting government controls. Before expiration of Measure A in December 2000, the Board of Supervisors reaffirmed the policies of Measure A and the establishment of a housing allocation program, when it passed Ordinance No. 1178 on November 28, 2000. The Growth Management System Element was combined with the Agricultural Preservation & Land Use Element in the 2008 General Plan Update, and the Growth Management System was simplified in 2009 concurrent with adoption of the 2009 Housing Element Update.</p>				
<p>Action Item AG/LU-119.1</p>	<p>Complete the Review Following Census called for in Section (3) of Policy AG/LU-119 during each update to the Housing Element required by State law.</p>	<p>Subsequent to 2023 Housing Element</p>	<p>PBES, CIA</p>	<p>Review planned in summer/fall of 2024.</p>

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		Adoption \$		
Policy AG/LU-125: New churches or other religious institutions should generally be located within or adjacent to urbanized areas, minimizing the transportation needs of parishioners/members and the potential for loss of agricultural lands.				
Action Item AG/LU-125.1	Consider amendments to the Zoning Code that would reduce the number of zoning districts in which new churches and religious institutions may be located and provide siting criteria as part of the use permit process.	B \$	PBES	Not yet programmed.
Circulation Element				
Roadway System Policies				
<p>Policy CIR-1: The Circulation Map contained in this Element shows the following roadway types as comprising the planned roadway system. Local roadways need not be shown on the Circulation Map. The Circulation Map is a visual depiction of the County’s policy regarding the ultimate width and general location of roadways in the unincorporated area.</p> <p>Highways: Multi-lane roadways designed for travel at relatively high speeds. Some highways have limited access (i.e., only at grade-separated interchanges) and are designed for speeds up to 70 miles per hour. Other highways have at-grade intersections and may have speed limits in the range of 45 to 60 miles per hour depending on the context. Examples in the general vicinity of Napa County include freeways such as Interstate 80 and state highways such as State Routes 29 and 37.</p> <p>Arterials: These are typically two- or four-lane roadways designed primarily for longer-distance travel between major centers of activity, and often with limited direct driveway access. The primary example in unincorporated Napa County is Silverado Trail.</p> <p>Rural Collectors: These are typically two-lane roadways designed primarily to link locally important activity centers and provide a collection system for the local roads. Rural collectors will typically be designed for slower travel speeds than arterials and may incorporate sharper curves, narrower shoulders, and other features consistent with slower vehicle speeds. Examples in Napa County include Oakville Cross Road and Yountville Cross Road.</p> <p>Local Roadways: Roadways which provide direct access to individual homes and businesses.</p>				
Action Item CIR-1.1	The County shall adopt, periodically review, and revise as appropriate specific road and street standards for County roads. These standards shall include overall right-of-way widths, pavement widths, lane and shoulder widths, and other design details. The County’s roadway standards shall be developed in consultation with the County Fire Marshal, County Public Works, County Planning, Building and Environmental Services, and other agencies to ensure adequate widths for emergency access and evacuation.	Ongoing \$	PW, PBES, NC Fire	The road and street standards (RSS) were comprehensively updated in 2011; Additional updates to comply with State fire hazard standards was completed in 2016, 2017, 2019, 2021, and 2023.
Land Use and Development Policies				

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<p>Policy CIR-6: Applicants requesting discretionary approval for projects with the potential to significantly affect the transportation system shall fund the County’s preparation of a Transportation Analysis prior to consideration of their project by the County. If the Transportation Analysis results in identification of adverse impacts as defined in the County’s Transportation Impact Study Guidelines, the applicants shall mitigate their projects’ impacts and pay their fair share of the full cost of countywide cumulative transportation improvements, based on their projects contribution to the need for these improvements. Analysis should be consistent with the most current version of the County’s Transportation Impact Study Guidelines, including a County review of site plans with a particular focus on project frontage, consistency with the Countywide Pedestrian Plan and Countywide Bicycle Plan, and multi-modal circulation.</p>				
Action Item CIR-6.1	In cooperation with the NVTA, develop a countywide transportation impact fee to address cumulative (i.e., not project-specific) impacts associated with new development.	A \$>\$\$\$	PW PBES NCTPA: Cities of: Am Cyn, Calistoga Napa, St. Helena, and Town of Yountville	Circulation Element Update completed in Feb. 2019. Travel behavior survey was completed in 2014. TIF has been put on indefinite hold due to COVID economic impacts.
<p>Policy CIR-7: All applicants for development projects or modifications thereto shall be required to evaluate the vehicle miles traveled (VMT) associated with their projects, in order to determine the projects’ environmental impacts pursuant to the California Environmental Quality Act. Applicants shall specify feasible measures to reduce a proposed project’s VMT and shall provide an estimate of the VMT reduction that would result from each measure. Upon the effective date of the pertinent State CEQA Guidelines, projects for which the specified VMT reduction measures would not reduce unmitigated VMT by 15 or more percent shall be considered to have a significant environmental impact.</p>				
Action Item CIR-7.1	Update the County’s Local Procedures for Implementation of the California Environmental Quality Act to develop screening criteria for projects that would not be considered to have a significant impact to VMT and that would not, therefore, be subject to VMT reduction requirements.	A \$\$	PBES & PW	Completed in March 2022 as part of the development of the Napa County Traffic Impact Study (TIS) Guidelines.
<p>Policy CIR-11: All developments along fixed transit routes shall provide appropriate amenities designed to support transit use, such as bus turnouts or other access points located in coordination with NVTA, bus shelters, and comfortable routes for transit users to walk or bicycle between the development and the nearest bus stop. The County shall require installation of relevant amenities as a condition of approval of discretionary permits.</p>				
Action Item CIR-11.1	Update the County Zoning Code to include requirements and standards related to transit amenities in development projects.	A \$	PBES	Programmed to be evaluated with the Climate Action Plan development & Zoning Ordinance Update currently in progress. Addressed in Circulation Element Update in Feb. 2019.
<p>Policy CIR-14: Developers of new land uses shall provide adequate parking or demonstrate that adequate parking exists to meet their anticipated parking demand and shall not provide excess parking that could stimulate unnecessary vehicle trips or commercial activity exceeding the site’s capacity. Consideration of shared parking opportunities is encouraged.</p>				
Action Item CIR-14.1	Update the County’s parking requirements for all land uses, including wineries, to support carpool/vanpool options, to avoid over-supply of visitor and employee parking, and to set parking maximums in appropriate areas to support commute trip reduction goals.	A \$\$	PBES, PW	Not yet programmed.

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Preserving Rural Character Policies				
Policy CIR-22: The County will work with NVTAs, transportation network companies, and other private transportation providers to develop innovative approaches to providing transportation service to the County’s rural areas without the need for additional roadway lanes or other improvements that would detract from the visual and community character of these areas.				
Action Item CIR-22.1	County staff shall participate in the periodic updates of the NVTAs Countywide Transportation Plan (CTP), and use that forum for consideration and development of innovative strategies related to the movement of people and services in a manner consistent with the existing rural road network. The County shall seek input from experts in sustainability, smart growth, active transportation and land use planning in developing potential new strategies. The County supports innovations that increase service areas, expand hours of operation, and reduce the cost of trips made by transit or multiple-occupant vehicle.	Ongoing \$	PBES, PW, NCTPA	Ongoing as a part of regular planning process; consultation with experts as needed. Circulation Element Update completed in Feb. 2019. RSS update completed in April 2023.
Transportation Demand Management Policies				
Policy CIR-24: The County, in coordination with NVTAs’s TDM division, shall update its Transportation System Management Ordinance (Chapter 10.28 of the County Code) to include measures that reduce commute trips to workplaces within the unincorporated County and a program to oversee implementation.				
Action Item CIR-24.1	The County will support implementation of a ride-matching or ridesharing service pilot program.	A \$	PW, PBES	Not yet programmed.
Action Item CIR-24.2	The County will promote telecommuting at office-based businesses throughout the County.	Ongoing \$	PW, PBES	As part of the County’s response to the COVID Pandemic, County employees have been permitted to telecommute on a limited basis. The County’s 2022 Traffic Impact Study Guidelines include incentives for business to offer teleworking as a means of reducing VMT.
Action Item CIR-24.3	The County will periodically report to the Board of Supervisors on the results of the monitoring of vehicle trips and the evaluation of TDM effectiveness at non-residential developments.	Ongoing \$	PW	Staff will prepare a TDM evaluation report for the BOS as more TDM monitoring data is submitted for non-residential developments.
Policy CIR-27: The County shall encourage the use of alternative transportation by tourists, visitors and commuters, and will work with wineries, the local hospitality industry, public and private employers, and the cities and town to develop incentives that encourage the use of these options and the development of private transit services.				
Action Item CIR-27.1	The County will solicit and maintain a database of information from businesses and discretionary permittees who have successfully implemented TDM measures, and will serve as a resource for information exchange between business owners, school districts, industry organizations and local chambers of commerce to facilitate expansion of successful TDM programs.	Ongoing \$	PW	Public works is currently collecting TDM measures from TDM plans are submitted for Use Permit or their mods. TDM measures are being evaluated for their effectiveness as monitoring reports are submitted to Public Works.

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Action Item CIR-27.2	The County will expand its Trip Reduction Program, which offers cash incentives to encourage County employees to commute using alternatives to the single-occupant vehicle, to include a grant program for qualifying local business operators that demonstrate a commitment to reducing vehicle trips generated by their businesses' customers and employees.	A \$	PW	Not yet programmed.
Transportation Improvements Policies				
Policy CIR-28: The County will work with the cities and town through the NVTa to coordinate seamless transportation systems and improve the efficiency of the transportation system by coordinating the construction of planned roadway, bicycle, pedestrian, and other transportation systems.				
Action Item CIR-28.1	The County shall maintain and aggressively implement a five year road maintenance and rehabilitation plan, using funding from available local, regional, state, federal and other sources, and will strive to maintain at least the current amount of General Fund support of roads.	Ongoing \$	PW	Completed. The plan became operational in 2022 and is updated/maintained on a yearly basis.
<p>Policy CIR-31: The County seeks to provide a roadway system that maintains current roadway capacities in most locations and is efficient in providing local access. The following list of improvements, illustrated as the County's ultimate road network in Figure CIR-1, has been supported by policy makers within the County and all five incorporated cities/town. Some of these routes are controlled by other agencies (such as Caltrans or a city); in those cases, the County will coordinate with the other agencies to plan and implement these improvements.</p> <ul style="list-style-type: none"> • Construct improvements at the intersection of State Route 12, Airport Boulevard, and State Route 29 ("Airport Junction"), within the most efficient footprint, to increase capacity and reduce vehicle conflicts. • Improve the intersection of SR 221/SR 12/SR 29 ("Soscol Junction") to improve operation and reduce vehicle conflicts. • Improve the intersection of SR 12/SR 121/SR 29 ("Carneros Junction") to improve operation and reduce vehicle conflicts. • Consider widening SR 221 between SR 12 and SR 121 to improve traffic flow. • In coordination with the City of American Canyon, consider widening, operational, and other multimodal and safety improvements to SR 29 between SR 221 and the Solano County line to improve traffic flow. • In coordination with the City of American Canyon, relieve traffic congestion along SR 29 by completing reliever routes; examples include the completion of Devlin Road between Soscol Ferry Road and Green Island Road, and evaluating the potential to connect Newell Road to South Kelly Road. • Work with relevant agencies to investigate options for synchronizing traffic signals to improve traffic flow and reduce vehicle emissions. • Explore opportunities for operational improvements along SR 29, Silverado Trail, and connecting crossroads to improve traffic flow and reduce conflicts for vehicles, bicyclists and pedestrians; examples may include center two-way left-turn lanes, additional turn lanes at intersections, roundabouts, and other measures that could reduce conflicts. • Consistent with the Countywide Pedestrian Plan and the Countywide Bicycle Plan, construct multimodal facilities and install safety-related improvements on rural roads and highways, such as new signals, bike lanes, multi-use paths, shoulder widening, or softening sharp curves. 				
Action Item CIR-31.1	Work with the NVTa, other agencies, and project applicants and developers to fund and implement the improvements listed in Policy CIR-31.	Ongoing \$\$\$	PW, NCTPA	Ongoing; Circulation Element update completed in Feb. 2019. Devlin Road has been completed as a local reliever road to traffic on Hwy 29 in the American Canyon area. Soscol Junction is expected to complete in the summer of 2024; NVTa, the County, and AmCan are working together to develop and ultimately fund improvements on SR 29 in AmCan, at Airport Blvd., at the Carneros junction and Newell Road. On Silverado Trail, improvements are funded for the intersection at Oak Knoll,

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				and the area in front of the strawberry patch. Construction is expected in 2025/26. The Calistoga section of the vine trail should finish this year, and the Yountville to SH section is in design (though not funded for construction). Roughly 80 miles of bike lanes have been improved.
Action Item CIR-31.2	Work with NVTA and Caltrans to develop a South Napa Congestion Management Plan to coordinate improvements along SR 29 between the Solano County line and SR 221, to address congestion caused by existing traffic volumes as well as the impacts of future growth and demand, including the effects of a potential conversion of SR 37 to a toll road.	B \$	PW, NVTA	Ongoing work between the County and NVTA to address this Action Item.
Community Character Element				
Aesthetics, Arts and Culture, Views and Scenic Roadways Policies				
Policy CC-3: Signs shall be used primarily to provide necessary information and business identification rather than the advertisement of goods and services. Sign size limits and locational requirements shall be established to avoid over-proliferation of signs. Although the sign size may be limited, lettering should be large and easy to read.				
Action Item CC-3.1	Examine the County’s sign ordinance and determine whether changes are needed to strike an appropriate balance between sign size and legibility.	A \$	PBES	Revised ordinance adopted October 2008.
Policy CC-10: Consistent with the County’s Viewshed Protection Program, new developments in hillside areas should be designed to minimize their visibility from the County’s scenic roadways and discourage new encroachments on natural ridgelines. The County shall continue implementation of the Viewshed Protection Program and shall apply the protective provisions of the program to all public projects.				
Action item CC-10.1	Undertake a regular review of the viewshed protection program to ensure its effectiveness and consider adding protections for views from Lake Berryessa to the program.	Ongoing \$	PBES	Initial review completed Summer 2010; Ongoing evaluation being conducted by staff during project review; Second part not yet programmed.
Cultural Resource Policies				
Policy CC-19: The County supports the identification and preservation of resources from the County’s historic and prehistoric periods.				
Action Item CC-19.1	In partnership with interested historic preservation organizations, seek funding to undertake a comprehensive inventory of the County’s significant cultural and historic resources using the highest standard of professional practices.	Ongoing \$→\$\$\$	PBES Stakeholders	Not yet programmed.
Action Item CC-19.2	Consider amendments to the County zoning and building codes to improve the procedures and standards for property owner-initiated designation of County Landmarks, to provide for the preservation and appropriate rehabilitation of	A \$	PBES	Action Item completed 2012. Additional incentives may be pursued in future years.

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	significant resources, and to incorporate incentives for historic preservation.			
<p>Policy CC-23: The County supports continued research into and documentation of the county’s history and prehistory, and shall protect significant cultural resources from inadvertent damage during grading, excavation, and construction activities.</p>				
Action Item CC-23.1 <i>(MM 4.12.1)</i>	In areas identified in the Baseline Data Report as having a significant potential for containing significant archaeological resources, require completion of an archival study and, if warranted by the archival study, a detailed on-site survey or other work as part of the environmental review process for discretionary projects.	Ongoing \$	PBES	Ongoing implementation by staff during project review.
Action Item CC-23.2 <i>(MM 4.12.1)</i>	<p>Impose the following conditions on all discretionary projects in areas which do not have a significant potential for containing archaeological or paleontological resources:</p> <ul style="list-style-type: none"> • “The Planning Department shall be notified immediately if any prehistoric, archaeological, or paleontologic artifact is uncovered during construction. All construction must stop and an archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards in prehistoric or historical archaeology shall be retained to evaluate the finds and recommend appropriate action.” • “All construction must stop if any human remains are uncovered, and the County Coroner must be notified according to Section 7050.5 of California’s Health and Safety Code. If the remains are determined to be Native American, the procedures outlined in CEQA Section 15064.5 (d) and (e) shall be followed.” 	Ongoing \$	PBES	Ongoing: implemented by staff during project review and included as a standard condition of approval.
<p>Policy CC-28: As an additional incentive for historic preservation, owners of existing buildings within agricultural areas of the County that are either designated as Napa County Landmarks or listed in the California Register of Historic Resources or the National Register of Historic Places may apply for permission to reuse these buildings for their historic use or a compatible new use regardless of the land uses that would otherwise be permitted in the area so long as the use is compatible with agriculture, provided that the historic building is rehabilitated and maintained in conformance with the U.S. Secretary of the Interior’s Standards for Preservation Projects.</p> <p>This policy recognizes that, due to the small number of existing historic buildings in the County and the requirement that their historic reuse be compatible with agriculture, such limited development will not be detrimental to the Agriculture, Watershed or Open Space policies of the General Plan. Therefore such development is consistent with all of the goals and policies of the General Plan.</p>				
Action Item CC-28.1	Amend the Zoning Ordinance to provide a discretionary process such as a use permit by which owners may seek approval consistent with Policy CC-28 for an additional incentive for historic preservation. The process shall preclude reuse of buildings which have lost their historical integrity and prohibit new uses that are incompatible with the historic building or that require inappropriate new construction.	A \$→\$\$\$	PBES	Same as Action Item CC-19.2 above.
<p>Light and Glare Policies</p>				
<p>Policy CC-32: Street lighting on County roadways shall be limited to the minimum amount needed for public safety and shall be designed to focus light only where it is needed.</p>				
Action Item CC-32.1 <i>(MM 4.14.2b)</i>	The County shall review and update as necessary its public works standards for street lighting to require the installation of fixtures which reduce the upward or sideways spillover of light consistent with the requirements of state law.	B \$	PW	Not yet programmed; will include next time new lights are added.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Noise Policies				
Policy CC-45: Development in the area covered by any Airport Land Use Compatibility Plan (ALUCP) shall be consistent with the noise levels projected for the airport. Where necessary, noise insulation or other measures shall be included to maintain desired interior noise levels.				
Action Item CC-45.1 (MM 4.7.7)	The County shall use aviation easements, disclosure statements, and other appropriate measures to ensure that residents and businesses within any airport influence area are informed of the presence of the airport and its potential for creating current and future noise.	Ongoing \$	PW (Airport) PBES	Implemented and Ongoing by Public Works: also a requirement of adopted ALUC Compatibility Plans implemented by staff during project reviews.
Odor Policies				
Policy CC-53: Odors associated with industrial and commercial uses—in particular, those generated by chemical or industrial processes—are considered generally unacceptable, and shall be required to mitigate their effects on nearby businesses and residences in accordance with standards of the Bay Area Air Quality Management District (BAAQMD).				
Action Item CC-53.1	Work with the BAAQMD to disseminate information regarding regulations, monitoring, and enforcement for noxious odors.	Ongoing \$	PW, PBES, EH	Ongoing as needed.
Conservation Element				
Natural Resources Policies				
Policy CON-27: The County shall enforce compliance and continued implementation of the intermittent and perennial stream setback requirements set forth in existing stream setback regulations, provide education and information regarding the importance of stream setbacks and the active management and enhancement/restoration of native vegetation within setbacks, and develop incentives to encourage greater stream setbacks where appropriate. Incentives shall include streamlined permitting for certain vineyard proposals on slopes between 5 and 30 percent and flexibility regarding yard and road setbacks for other proposals.				
Action Item CON-NR-1	Amend the Conservation Regulations to offer incentives such as a streamlined review process for new vineyard development and other projects that incorporate environmentally sustainable practices that avoid or mitigate significant environmental impacts.	A \$→\$\$\$	PBES	Not yet programmed.
Policy CON-10: The County shall conserve and improve fisheries and wildlife habitat in cooperation with governmental agencies, private associations and individuals in Napa County.				
Policy CON-11: The County shall maintain and improve fisheries habitat through a variety of appropriate measures, including the following as well as best management practices developed over time.				
Policy CON-12: Public water development projects shall provide an adequate release flow of water to preserve fish populations and public access to the water via public lands.				
Policy CON-13: The County shall require that all discretionary residential, commercial, industrial, recreational, agricultural, and water development projects consider and address impacts to wildlife habitat and avoid impacts to fisheries and habitat supporting special-status species to the extent feasible. Where impacts to wildlife and special-status species cannot be avoided, projects shall include				

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
<p>effective mitigation measures and management plans.</p> <p>Policy CON-14: To offset possible losses of fishery and riparian habitat due to discretionary development projects, developers shall be responsible for mitigation when avoidance of impacts is determined to be infeasible. Such mitigation measures may include providing and permanently maintaining similar quality and quantity habitat within Napa County, enhancing existing riparian habitat, or paying in-kind funds to an approved fishery and riparian habitat improvement and acquisition fund. Replacement habitat may occur either on-site or at approved off-site locations, but preference shall be given to on-site replacement.</p> <p>Policy CON-15: The County shall establish and update management plans protecting and enhancing the County’s biodiversity and identify threats to biological resources within appropriate evaluation areas, and shall use those plans to create programs to protect and enhance biological resources and to inform mitigation measures resulting from development projects.</p>				
<p>Action Item CON NR-2 (MM 4.6.1a)</p>	<p>The County shall seek grant funding and other support and establish a fisheries monitoring program(s) consistent with the efforts of the Watershed Information Center and Conservancy of Napa County in order to track the current condition of special-status fisheries and associated habitats in the County’s watersheds. Programs will include tracking the effectiveness of BMPs, mitigation measures and ongoing restoration efforts for individual projects in the watersheds and the implementation of corrective actions for identified water quality issues that are identified as adversely impacting fisheries. Monitoring programs shall be conducted in coordination with the State and Regional Water Boards, California Department of Fish and Game, U.S. Fish and Wildlife Service, and National Oceanic and Atmospheric Administration National Marine Fisheries Service to the extent necessary.</p>	<p>Ongoing</p> <p>\$→\$\$\$</p>	<p>PW, FCWCD, WICC</p>	<p>State and local funding has been obtained by the Napa County RCD to continue a local fisheries monitoring program. \$55k in partial base-funding for the work was provided directly by the County through a contract between FCWCD and the RCD for FY 16/17 thru FY 18/19. Other sources of local funding include the Gasser Foundation, Napa County Wildlife Conservation Commission and private donations. State funding based upon competitive grants year to year. Future long-term funding to support the program is needed. With financial help via a grant from EPA, Public Works and FCWCD staff completed development of a BMP tracking tool (ITAS) in Dec 2015 (also see b above) but the ITAS is no longer in use.</p> <p>Groundwater Sustainability Plan (GSP) calls for establishment of a Technical Advisory Group (TAG) and development of a workplan on “Interconnected Surface Water and Groundwater Dependent Ecosystems” which will call upon expertise of TAG and RCD.</p>
<p>Policy CON-11(j): Require mitigation of gravel removal activities so they result in no net adverse effects to streambed attributes, temperature, habitat, and water quality necessary for native fisheries health. This may include restoration and improvement of impacted areas (e.g., gravel areas and pools and woody-debris areas). Gravel removal that results in adverse impacts to native fisheries shall be determined to have a significant impact under CEQA.</p>				
<p>Action Item CON NR-3 (MM 4.6.5b)</p>	<p>The County shall amend its Local Procedures for Implementing CEQA to require gravel removal projects to result in no net adverse effects to stream temperature, bed attributes, or habitat necessary for native fisheries health. This may include restoration and improvement of impacted habitat areas (e.g., gravel areas and</p>	<p>B</p> <p>\$</p>	<p>PBES</p>	<p>Not yet programmed.</p>

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
	pools and woody debris areas).			
<p>Policy CON-13: The County shall require that all discretionary residential, commercial, industrial, recreational, agricultural, and water development projects consider and address impacts to wildlife habitat and avoid impacts to fisheries and habitat supporting special-status species to the extent feasible. Where impacts to wildlife and special-status species cannot be avoided, projects shall include effective mitigation measures and management plans.</p>				
Action Item CON NR-4 (MM 4.6.5c)	The County shall adopt an ordinance that prohibits construction activities within the channel of any waterway identified to contain existing or potential spawning habitat for special-status fish species during limited time periods of spawning activities.	A \$	PBES	Not yet programmed, however objective is effectively accomplished via State and federal regulatory requirements.
<p>Policy CON-16: The County shall require a biological resources evaluation for discretionary projects in areas identified to contain or potentially contain special-status species based upon data provided in the Baseline Data Report (BDR), California Natural Diversity Database (CNDDDB), or other technical materials. This evaluation shall be conducted prior to the approval of any earthmoving activities. The County shall also encourage the development of programs to protect special-status species and disseminate updated information to state and federal resource agencies.</p> <p>Policy CON-20: The County shall monitor biodiversity and habitat connectivity throughout the County and apply appropriate adaptive management practices as necessary to achieve applicable Natural Resources Goals. Changing conditions may include external forces such as changing state or federal requirements, or changes in species diversity, distribution, etc.</p> <p>Policy CON-21: The County shall initiate and support efforts relating to the identification, quantification, and monitoring of species biodiversity and habitat connectivity throughout Napa County.</p> <p>Policy CON-29: The County shall coordinate its efforts with other agencies and districts such as the Resource Conservation District and share a leading role in developing and providing outreach and education related to stream setbacks and other best management practices that protect and enhance the County’s natural resources.</p> <p>Policy CON-31(c): Encourage environmental study, a viewing platform, and wildlife preserve at the (Cargill) Napa Plant Restoration Site, Fagan Slough Area. Work with the California Department of Fish and Game to implement this policy.</p>				
Action Item CON NR-5	<p>The County shall maintain and update the Biological Resources and Fisheries chapters of the Baseline Data Report as necessary to provide the most current data and mapping. Updates shall be provided online and made available for review at the Conservation, Development and Planning Department. The following specific data sets and maps shall be updated as needed:</p> <ul style="list-style-type: none"> a) The County’s Biological Database (through the use of the California Department of Fish and Game’s California Natural Diversity Database (CNDDDB) and information from the California Native Plant Society (CNPS)), including the addition of biological data to expand and improve the accuracy of the database and its usefulness to the public; b) Databases and mapping of sensitive biotic communities and habitats of limited distribution; c) Databases and mapping of oak woodlands and related sensitive biotic communities; d) Databases and mapping of riparian woodlands and related sensitive biotic communities; e) Databases and mapping of sloughs and tidal mudflats and related sensitive biotic communities. 	Ongoing \$	PBES	<p>County maintains biological database (a) that is updated monthly with data received from California Natural Diversity Database (CA Fish & Wildlife) and from project bio-surveys. Updates to databases and mapping of sensitive biotic communities and habitats of limited distribution and others (b-e) are based on vegetation and land-cover data (primarily the ICE Vegetation layer). GIS staff continually update database layers as a major component of GIS Unit’s work program.</p> <p>Groundwater Sustainability Plan (GSP) calls for establishment of a Technical Advisory Group (TAG) and development of a workplan on “Interconnected Surface Water and Groundwater Dependent Ecosystems (GDE)” which will call upon expertise of TAG and the Resource Conservation</p>

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District. GSP contains quite a bit of info re GDE identification.				
Policy CON-17: Preserve and protect native grasslands, serpentine grasslands, mixed serpentine chaparral, and other sensitive biotic communities and habitats of limited distribution. The County, in its discretion, shall require mitigation that results in the following standards:				
Action Item CON NR-6	The County shall adopt protocols to be followed, including a methodology for analyzing the need for buffers, and establish setbacks where discretionary projects are proposed on parcels that may contain sensitive biotic communities or habitats/communities of limited distribution or sensitive natural communities	A \$→\$\$\$	PBES	Protective buffers for discretionary projects are currently established via biological studies, consultant recommendations and the Clean Water Act 401 certification process for applicable projects.
Policy CON-24: Maintain and improve oak woodland habitat to provide for slope stabilization, soil protection, species diversity, and wildlife habitat through appropriate measures including one or more of the following:				
Action Item CON NR-7	The County shall adopt a voluntary Oak Woodland Management Plan to identify and mitigate significant direct and indirect impacts to oak woodlands. Mitigation may be accomplished through a combination of the following measures: a) Conservation easement and land dedication for habitat preservation; b) Payment of in-lieu fees; c) Replacement planting of appropriate size, species, area, and ratio.	B \$	PBES	Voluntary Oak Woodland Management Plan was adopted in 2010. Additional work not yet programmed.
Water Resources Policies				
Policy CON-42: The County shall work to improve and maintain the vitality and health of its watersheds.				
Policy CON-44: The County shall identify, improve, and conserve Napa County’s surface water resources.				
Action Item CON WR-1	Develop basin-level watershed management plans for each of the three major watersheds in Napa County (Napa River, Putah Creek, and Suisun Creek). Support each basin-level plan with focused sub-basin (drainage-level) or evaluation area-level implementation strategies, specifically adapted and scaled to address identified water resource problems and restoration opportunities. Plan development and implementation shall utilize a flexible watershed approach to manage water resource quality and quantity. The watershed planning process should be an iterative, holistic, and collaborative approach, identifying specific drainage areas or watersheds, eliciting stakeholder involvement, and developing management actions supported by sound science that can be easily implemented.	B \$\$\$	PBES, WICC, FCWCD	Tiering from regional water management watershed plans (IRWM Plans) currently under development, local basin-level plans for the Napa River, Putah Creek, and Suisun Creek basins could be developed as staffing resources and funding allow. The County continues to seek opportunities to support these planning objectives; limited grant funding is presently available from federal and state sources to support watershed management planning. Identification of additional local funding would be needed to achieve these objectives in the near-term. County/GSA is pursuing implementation of the CA Environmental Flows Framework (CEEF) in the Napa River watershed which would involve

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
				collaboration with scientific entities and provide for opportunities for future grant funding.
<p>Policy CON-45: Protect the County’s domestic supply drainages through vegetation preservation and protective buffers to ensure clean and reliable drinking water consistent with state regulations and guidelines. Continue implementation of current Conservation Regulations relevant to these areas, such as vegetation retention requirements, consultation with water purveyors/system owners, implementation of erosion controls to minimize water pollution, and prohibition of detrimental recreational uses.</p>				
Action Item CON WR-3	Update the Conservation Regulations to establish an appropriate protective buffer (e.g., a special protection zone) in areas that drain toward any intake structure associated with the County’s sensitive domestic water supply drainages, requiring specific development and performance measures to protect water quality and balance property owners’ ability to use their land and stipulating that discretionary projects must be located outside of the protective buffer wherever this is feasible.	B \$	PBES	Initial analysis completed; Conservation Regulation update completed May 2019.
<p>Policy CON-42: The County shall work to improve and maintain the vitality and health of its watersheds.</p> <p>Policy CON-44: The County shall identify, improve, and conserve Napa County’s surface water resources.</p> <p>Policy CON-47: The County shall comply with applicable Water Quality Control/Basin Plans as amended through the Total Maximum Daily Load (TMDL) process to improve water quality.</p> <p>Policy CON-49: The County shall develop and implement a water quality monitoring program (or programs) to track the effectiveness of temporary and permanent Best Management Practices (BMPs) to control soil erosion and sedimentation within watershed areas and employ corrective actions for identified water quality issues (in violation of Basin Plans and/or associated TMDLs) identified during monitoring.</p> <p>Policy CON-63: The County will support the work of the Watershed Information Center and Conservancy (WICC) Board as a clearinghouse for watershed information, a forum for citizen and interagency discussion and cooperation, and development and coordination of watershed monitoring efforts and strategic planning.</p> <p>Policy CON-64: The County shall monitor the rise in sea levels and resulting saltwater intrusion into surface waters and use adaptive management strategies to modify County practices when warranted.</p>				
Action Item CON WR-4	Implement a countywide watershed monitoring program to assess the health of the County’s watersheds and track the effectiveness of management activities and related restoration efforts. Information from the monitoring program should be used to inform the development of basin-level watershed management plans as well as focused sub-basin (drainage-level) implementation strategies intended to address targeted water resource problems and facilitate restoration opportunities. Overtime, the monitoring data will be used to develop overall watershed health indicators, and as a basis of employing adaptive watershed management planning.	B \$→\$\$\$	PBES, PW, WICC	<p>Ongoing: Joint City/County study plan for Milliken and Henessey drainages completed by Public Works in 2018. The collection of water sampling data is currently ongoing. County will be re-contracting with City for an additional 5 years of monitoring starting in FY22/23.</p> <p>GSP summarizes numerous monitoring plans/activities/reporting and describes 9 GSP-related monitoring networks including additional monitoring needs to address data gaps.</p> <p>Out-migration fisheries monitoring by the RCD continues. \$55k in funding per year from FCWCD was provided to</p>

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
				RCD to support this work for FY 16/17 thru FY 18/19. Permanent funding is needed for long-term fisheries monitoring.
<p>Policy CON-54: The County shall maintain or enhance infiltration and recharge of groundwater aquifers by requiring all projects in designated groundwater deficient areas as identified in the County’s groundwater ordinance (County Code Chapter 13.15) be designed (at minimum) to maintain a site’s predevelopment groundwater recharge potential, to the extent feasible, by minimizing impervious surfaces and promoting recharge (e.g., via the use of water retention/detention structures, use of permeable paving materials, bioswales, water gardens, cisterns, and other best management practices).</p>				
<p>Policy CON-59: The County shall disseminate available information (online or in report format) on groundwater levels on an aggregated drainage basin level or other aggregated scale that is appropriate based on data availability and confidentiality.</p>				
Action Item CON WR-5 (MM 4.13.3.1a)	Identify, map, and disseminate information on groundwater recharge areas, to the extent feasible, and provide educational materials and resource information on ways of reducing and limiting the development of non-pervious surfaces in those areas.	A \$→\$\$\$	PW, FCWCD, WICC, PBES	Groundwater consultant studies completed & presented to the Board in February 2011. Follow-up analysis of recharge completed in 2014. The WICC has developed an interactive groundwater educational section on the WICC website (www.napawatersheds.org/groundwater), which is updated annually. Additional information related to groundwater recharge contained in the GSP (2022). Public outreach will be provided through the WICC program/PBES and through a contract with the Napa County RCD.
<p>Policy CON-52: Over time, the County should seek ways to increase the institutional capacity and level of expertise within the County related to groundwater issues.</p>				
<p>Policy CON-55: The County shall consider existing water uses during the review of new water uses associated with discretionary projects, and where hydrogeologic studies have shown that the new water uses will cause significant adverse well interference or substantial reductions in groundwater discharge to surface waters that would alter critical flows to sustain riparian habitat and fisheries or exacerbate conditions of overdraft, the County shall curtail those new or expanded water uses.</p>				
Action Item CON WR-6 (MM 4.13.3.1a)	Establish and disseminate standards for well pump testing and reporting and include as a condition of discretionary projects that well owners provide to the County upon request information regarding the locations, depths, yields, drilling and well construction logs, soil data, water levels and general mineral quality of any new wells.	A \$→\$\$\$	EH, PW, PBES	Pump test standards were developed as part of the update to the County’s Water Availability Analysis (WAA) Policy adopted in May 2015. This Policy is now being implemented by PBES as part of the development permitting process and has morphed over the years from requiring well owners to provide data upon request to more modern Conditions of Approval requiring data to be provided regardless of being requested. Additional recommendations relating to aquifer testing have been incorporated in a number of reports since at least 2016

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				through the GSP (2022). Following completion of the Northeast Napa Management Area study and presentation of the BAR Amendment to the BOS, the BOS approved proceeding with that recommendation and also updating the GW Ordinance.
<p>Policy CON-42: The County shall work to improve and maintain the vitality and health of its watersheds.</p> <p>Policy CON-44: The County shall identify, improve, and conserve Napa County’s surface water resources.</p> <p>Policy CON-61: The County shall coordinate and collaborate with other agencies to identify, improve, and conserve Napa County’s community and municipal water supply resources</p> <p>Policy CON-63: The County will support the work of the Watershed Information Center and Conservancy (WICC) Board as a clearinghouse for watershed information, a forum for citizen and interagency discussion and cooperation, and development and coordination of watershed monitoring efforts and strategic planning.</p>				
Action Item CON WR-7	The County, in cooperation with local municipalities and districts, shall perform surface water and groundwater resources studies and analyses, and work towards the development and implementation of an integrated water resources management plan (IRWMP) that covers the entirety of Napa County and addresses local and state water resource goals, including the identification of surface water protection and restoration projects, establishment of countywide groundwater management objectives and programs for the purpose of meeting those objectives, funding and implementation.	B \$\$\$	PBES, PW, EH FCWCD	The County completed the Napa County Groundwater Monitoring Plan (Jan 2013/LSCE) and a Report on Updated Hydrogeologic Conceptualization and Characterization of Conditions (Jan 2013/LSCE), as well as the Napa County CASGEM Plan (Sept 2011). Community outreach continued and the County’s voluntary well monitoring network is expanding. A Local Groundwater Assistance Grant (LGA) was completed in March 2016, which supported the installation of 5 pairs of nested wells (2014) along the Napa River from Napa to St. Helena to assess the interaction of surface and groundwater. The wells are monitored as a part of the monitoring program. Additional Prop 68 grant funds were awarded to the GSA for installation of 4 more GS/SW monitoring sites (planned installation 2022). IRWM Plans for the Napa River, Suisun Creek and Putah Creek basins have been adopted by their respective governing committee(s). Water resource projects that benefit Napa County are included in both plans. Grant applications for Prop 84 funds have been awarded for a number of projects and Prop 1 funding is being explored with assistance from staff, local and regional partners and

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
				consultants for eligible projects listed in both IRWM Plans. Over \$7 million in IRWMP funding for programs and projects have directly and indirectly benefited communities in Napa County. The IRWMP process and plans establish a long-term management strategy for water resource in the County. To fulfill the objectives in the plans, staff from PW, PBES & FCWCD will continue to coordinate at a local level to effectively contribute to this and other regional efforts in the Bay Area and Sacramento River IRWMP Funding Area opportunities.
<p>Policy CON-57: The County shall work with appropriate agencies and districts to develop an understanding of potential groundwater deficiencies and coordinate with private property owners to voluntarily collect groundwater data, including implementing effective water management and conservation strategies and encouraging exploration and use of alternative (e.g., non-groundwater) water supplies where feasible to further conserve existing groundwater resources.</p> <p>Policy CON-63: The County will support the work of the Watershed Information Center and Conservancy (WICC) Board as a clearinghouse for watershed information, a forum for citizen and interagency discussion and cooperation, and development and coordination of watershed monitoring efforts and strategic planning.</p> <p>Policy CON-64: The County shall monitor the rise in sea levels and resulting saltwater intrusion into surface waters and use adaptive management strategies to modify County practices when warranted.</p>				
Action Item CON WR-8 (MM 4.11.5a)	The County shall monitor groundwater and interrelated surface water resources, using County-owned monitoring wells and stream and precipitation gauges, data obtained from private property owners on a voluntary basis, data obtained via conditions of approval associated with discretionary projects, data from the State Department of Water Resources, other agencies and organizations. Monitoring data shall be used to determine baseline water quality conditions, track groundwater levels, and identify where problems may exist. Where there is a demonstrated need for additional management actions to address groundwater problems, the County shall work collaboratively with property owners and other stakeholders to prepare a plan for managing groundwater supplies pursuant to State Water Code Sections 10750-10755.4 or other applicable legal authorities.	Ongoing \$→\$\$\$	PW, EH, PBES	See CON WR-7 above. Groundwater consultant studies completed and presented to the Board in March 2019. Annual groundwater monitoring reports are presented to the Board of Supervisors and provided to the public via the WICC website (www.napawatersheds.org/groundwater). Groundwater Sustainability Plan (GSP) required by the Sustainable Groundwater Management Act was submitted to the state as required on January 31, 2022 and approved by the state in January 2023. See GSP Table 12-3 for recommendations. GSP describes the tracking of groundwater conditions and other related parameters through 9 monitoring networks. Conditions, trends and the relationships between these and the sustainable management criteria will be

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				<p>reviewed on an ongoing basis and presented and discussed with the Technical Advisory Group (formation in progress). GSP Section 11 outlines the adaptive management approach, including "triggers" to watch, consider, and address as needed to avoid undesirable results.</p> <p>The FCWCD with support from local agencies and the RCD maintain the "OneRain" stream and precipitation monitoring network. https://napa.onerain.com/home.php</p>
<p>Policy CON-52: Over time, the County should seek ways to increase the institutional capacity and level of expertise within the County related to groundwater issues.</p> <p>Policy CON-57: The County shall work with appropriate agencies and districts to develop an understanding of potential groundwater deficiencies and coordinate with private property owners to voluntarily collect groundwater data, including implementing effective water management and conservation strategies and encouraging exploration and use of alternative (e.g., non-groundwater) water supplies where feasible to further conserve existing groundwater resources.</p> <p>Policy CON-58: Recognizing the difficulty of assessing and resolving groundwater problems, the County shall periodically review and update groundwater policies and ordinances as new studies and monitoring data become available to protect the County's surface water and groundwater resources, and implement various protective recommendations outlined in the 2050 Napa Valley Water Resources Study as appropriate.</p> <p>Policy CON-60: The County shall promote cost-effective water conservation and water efficiency measures that reduce water loss, waste, and water demand.</p> <p>Policy CON-63: The County will support the work of the Watershed Information Center and Conservancy (WICC) Board as a clearinghouse for watershed information, a forum for citizen and interagency discussion and cooperation, and development and coordination of watershed monitoring efforts and strategic planning.</p> <p>Policy CON-64: The County shall monitor the rise in sea levels and resulting saltwater intrusion into surface waters and use adaptive management strategies to modify County practices when warranted.</p>				
Action Item CON WR-9 (MM 4.11.5c)	The County shall adopt a Water-Efficient Landscape Ordinance for multi-family residential, industrial, and commercial developments regarding the use of water-efficient landscaping consistent with AB 325.	A \$	PBES, PW	State Model (WELO) Ordinance became effective Jan. 1, 2010 and is being implemented by PBES and PW departments.
Action Item CON WR-9.5	The County shall work with the SWRCB, DWR, DPH, CalEPA, and applicable County and City agencies such as Napa Resource Conservation District (RCD) to seek and secure funding sources for the County to develop and expand its groundwater monitoring and assessment and undertake community-based planning efforts aimed at developing necessary management programs and enhancements.	Ongoing \$->\$\$\$	PW, PBES, CIA, CEO	See CON WR-7 and WR-8 above. Staff is currently working together to address data management needs and coordination efforts as the County continues implementation of the Sustainable Groundwater Management Act (SGMA). The County established a Groundwater Sustainability Agency in 2019. The GSP (2022) has been submitted to DWR and GSP implementation has been initiated. GSP approved by the State in January

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
2023.				
Climate Protection and Sustainable Practices for Environmental Health				
<p>Policy CON-65: The County shall support efforts to reduce and offset greenhouse gas (GHG) emissions and strive to maintain and enhance the County’s current level of carbon sequestration functions through the following measures:</p> <ul style="list-style-type: none"> a) Study the County’s natural, agricultural, and urban ecosystems to determine their value as carbon sequesters and how they may potentially increase. b) Preserve and enhance the values of Napa County’s plant life as carbon sequestration systems to recycle greenhouse gases. c) Perpetuate policies in support of urban-centered growth and agricultural preservation preventing sprawl. d) Perpetuate policies in support of alternative modes of transportation, including transit, paratransit, walking, and biking. e) Consider GHG emissions in the review of discretionary projects. Consideration may include an inventory of GHG emissions produced by the traffic expected to be generated by the project, any changes in carbon sequestration capacities caused by the project, and anticipated fuel needs generated by building heating, cooling, lighting systems, manufacturing, or commercial activities on the premises. Projects shall consider methods to reduce GHG emissions and incorporate permanent and verifiable emission offsets. f) Establish partnerships with experts, trade associations, non-governmental associations, and community and business leaders to support and participate in programs related to global climate change. 				
Action Item CON CPSP-1	The County shall develop a greenhouse gas (GHG) emissions inventory measuring baseline levels of GHGs emitted by County operations through the use of electricity, natural gas, fossil fuels in fleet vehicles and County staff commute trips, and establish reduction targets.	Ongoing \$	PW, PBES	County baseline inventory and action plan was presented and accepted by the Board of Supervisors in 2010. GHG inventory complete 2015. A Climate Action Plan is in progress working in concert with local cities and town.
Action Item CON CPSP-2 (MM 4.8.7a)	The County shall conduct a GHG emission inventory analysis of all major emission sources in the County by the end of 2008 in a manner consistent with Assembly Bill 32, and then seek reductions such that emissions are equivalent to year 1990 levels by the year 2020. Development of a reduction plan shall include consideration of a “green building” ordinance and other mechanisms that are shown to be effective at reducing emissions.	2008 \$\$\$	PBES	NVTA completed a community-wide inventory/framework in 2009. A proposed Climate Action Plan for the unincorporated county was developed and presented to the Board in 2012. Revisions were requested and are underway within the Climate Action Plan is in progress working in concert with local cities and town.
<p>Policy CON-67: The County shall promote and encourage “green building” design, development, and construction through the achievement of Leadership in Energy and Environmental Design (LEED) standards set by the U.S. Green Building Council, the Green Point Rated system standards set by Builditgreen.org, or equivalent programs. Actions in support of this policy shall include:</p> <ul style="list-style-type: none"> a) Audit current County practices to assess opportunities and barriers to implementation of current sustainable practices. b) Amend the County Code as necessary to remove barriers to and encourage “green” construction. c) Develop new County buildings as “green buildings,” utilizing sustainable construction and practices. d) Encourage all new large development projects and major renovation of existing facilities to be based on Green Building Council standards utilizing sustainable construction and practices to achieve a minimum LEED rating of Silver, or comparable level on the Green Point Rated system per standards set by Builditgreen.org or other comparable updated rating systems. e) Support state and federal incentive programs that offer rebates and cost sharing related to the implementation of “green building” standards and LEED certification. 				
Action Item CON CPSP-3	The County shall conduct an audit within the next five years of County facilities to evaluate energy use, the effectiveness of water conservation measures, production of GHGs, use of recycled and renewable products and indoor air quality to develop recommendations for performance improvement or mitigation. The County shall update the audit periodically and review progress towards implementation of its recommendations.	A \$	PW, PBES	Ongoing: Periodic audits follow the operational plan presented to the Board in March 2010 (See CON CPSP-1). GHG inventory completed in 2015 and early 2023. Public Works partners with Sustainable Napa Valley on as-needed basis.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
<p>Policy CON-68: The County shall promote research and the development and use of advanced and renewable energy technology through the following actions:</p> <ul style="list-style-type: none"> a) Use expedited permit processing or other incentives as promotion mechanisms. b) Assist in securing grants to support the implementation of photovoltaic, wind, and other renewable energy technologies to provide a portion of the County’s energy needs. c) Encourage the use of renewable energy resources in residential, commercial, industrial, and agricultural projects and uses. <p>Policy CON-70: The County shall seek to increase the amount of energy produced through locally available energy sources, including establishing incentives for, and removing barriers to, renewable and alternative energy resources (solar, wind) where they are compatible with the maintenance and preservation of environmental quality.</p> <p>Policy CON-74: The County shall evaluate new technologies for energy generation and conservation and solid waste disposal as they become available, and shall pursue their implementation as appropriate in a manner consistent with the principle of adaptive management. This evaluation shall include review of promising technological advances which may be useful in decreasing County greenhouse gas (GHG) emissions, increase in renewable energy that is generated locally, and review of the County’s success in meeting targets for GHG emission reductions.</p>				
Action Item CON CPSP-4	The County shall map Napa County’s biomass, wind, geothermal, solar photovoltaic, solar thermal, biofuel, landfill gas, and other potential renewable energy sources and partner with other organizations and industry to disseminate information about the potential for local energy generation.	B \$	PW, PBES, EH	Will be completed as part of revisions to the Climate Action Plan is in progress working in concert with local cities and town.
<p>Policy CON-70: The County shall seek to increase the amount of energy produced through locally available energy sources, including establishing incentives for, and removing barriers to, renewable and alternative energy resources (solar, wind) where they are compatible with the maintenance and preservation of environmental quality.</p>				
Action Item CON CPSP-5	The County shall quantify increases in locally generated energy between 2000 and 2010 and establish annual numeric targets for local production of “clean” (i.e., minimal GHG production) energy by renewable sources, including solar, wind, biofuels, waste, and geothermal.	2010 \$	PBES	Will be completed as part of revisions to the Climate Action Plan is in progress working in concert with local cities and town. Napa County has also joined the Marin Clean Energy Program. A Renewable Energy Ordinance was adopted in 2019.
<p>Policy CON-75: The County shall work to implement all applicable local, state, and federal air pollution standards, including those related to reductions in GHG emissions.</p> <p>Policy CON-78: The County shall support intergovernmental efforts directed at stringent tailpipe emission standards and inspection and maintenance programs for all feasible vehicle classes, and revisions to BAAQMD’s Ozone Attainment Plan to accelerate and strengthen market-based strategies consistent with the General Plan.</p> <p>Policy CON-82: The County shall require applicants seeking demolition permits to demonstrate compliance with any applicable BAAQMD requirements, particularly those related to asbestos-containing materials (ACMs) and exposure to lead paint.</p> <p>Policy CON-84: The County shall require the establishment and maintenance of adequate buffer distances or filters or other equipment modifications for new sources of toxic air contaminants (TACs) and odors near proposed or existing sensitive receptors consistent with local and state regulatory requirements and guidelines.</p> <p>Policy CON-85: The County shall utilize construction emission control measures required by CARB or BAAQMD that are appropriate for the specifics of the project (e.g., length of time of construction and distance from sensitive receptors). These measures shall be made conditions of approval and/or adopted as mitigation to ensure implementation.</p> <p>Policy CON-86: The County shall implement the 2002 Napa County Countywide Integrated Waste Management Plan, consistent with California Integrated Waste Management Act (Public Resources Code section 40000 et seq) requirements, including the plan’s Summary Plan, Siting Element, Source Reduction and Recycling Element (SRRE); Household Hazardous Waste Element (HHWE) and Non-Disposal Facility Element (NDFE).</p>				
Action Item CON CPSP-6	The County shall periodically review and update the County Code to be consistent with requirements of CARB and the BAAQMD.	Ongoing \$	PBES	Napa County Code Title 15 (Building and Construction) is periodically updated concurrent with Uniform Building Code

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
				updates which includes air quality standards.
Economic Development Element				
Economic Goals and Policies				
Policy E-13: The County is committed to monitoring the Napa County economy on an ongoing basis and to adapting its economic development goals and policies to meet changing needs.				
Action Item E-13.1	The County Board of Supervisors will be provided with periodic updates on the state of the County’s economy, in order to more effectively utilize County resources to promote countywide economic health.	Ongoing \$→\$\$\$	CEO, WANB	Periodic updates accomplished during budget presentations and other public hearing items.
Recreation and Open Space Element				
Policy ROS-9: The County shall not use the power of eminent domain to acquire land or easements for parks, trails, and other recreational open space facilities or activities.				
Action Item ROS-1.1	In cooperation with other public agencies and, in particular with the Napa County Regional Park and Open Space District, maintain a comprehensive inventory of public lands, including their existing and potential resource and recreational values.	Ongoing \$	RPOSD	Current as of May 2021.
Action Item ROS-1.2	Modify the Zoning Ordinance as necessary to reflect the policies included in this Element and provide the appropriate level of review of proposed improvements and activities.	A \$	PBES, RPOSD	Zoning Ordinance amended in August 2009 (created Skyline Wilderness Park Combing District and amended Rural Recreation and Campground provisions).
Policy ROS-12: By 2030, increase the number and length of non-motorized, off-street trails available for walkers, joggers, bicyclists, and equestrians.				
Action Item ROS- 2.1 (MM 4.13.91b)	In partnership with the Napa County Regional Parks and Open Space District, establish numeric objectives for increased off-street trails and acreage of dedicated open space accessible to the public.	A \$	RPOSD, PW, PBES	Numeric goals included in the RPOS District Master Plan adopted January 2009 and last updated in 2019.
Policy ROS-21: Support the sale of existing public open space lands and/or land exchanges with private property owners, provided the sale or exchange of such lands will result in a net improvement in public recreational opportunities, enhanced protection and stewardship of natural resources and habitats, and more efficient and effective land management.				
Action Item ROS-2.2	Support the Napa County Regional Park and Open Space District in developing, and updating at appropriate intervals, a new park and recreation master plan that identifies priorities, implementation strategies, and funding needs.	A \$→\$\$\$	RPOSD, PW PBES	RPOSD Master Plan adopted January 2009 and last updated in 2019.
Action Item ROS-2.3	Support sufficient and stable funding for the Napa County Regional Park and Open Space District.	Ongoing \$\$\$	RPOSD	BOS and NCRPOSD held a joint meeting in May 2012 and agreed to work together to investigate the feasibility of a ballot measure to permanently fund NCRPOSD. The BOS in June 2012 approved funding for NCRPOSD until July 2017 using Special Projects Fund. Citizens Advisory Committee established in 2014, which in May 2015

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
				recommended a 2016 ballot measure, but the ballot measure failed to achieve required super majority. Ballot measure again attempted in 2020, again failed to achieve required super majority.
Action Item ROS-2.4	Investigate and, where feasible, transfer the ownership and/or operation of existing County park facilities to the Napa County Regional Park and Open Space District.	Ongoing \$	PW, RPOSD	Napa River Ecological Reserve management transferred to the RPOS District. Skyline Park transfer deferred until after it is possible to obtain fee title from the State. No current plan to transfer Cuttings Wharf.
Action Item ROS-2.5	Support the Napa County Regional Park and Open Space District in obtaining state, federal, and foundation grants, using methods such as preparing and adopting local plans and policies which may be required by various grant programs, and providing required local matching funds.	Ongoing \$→\$\$\$	RPOSD	Since the founding of the District in 2007, it has leveraged every \$1 of County funds into approximately \$3 worth of total cash and in-kind contributions to support parks and open space.

Safety Element

Emergency Preparedness Policies

Goal SAF-1: Safety considerations will be part of the County’s education, outreach, planning, and operations in order to reduce loss of life, injuries, damage to property, and economic and social dislocation resulting from fire, flood, geologic, and other hazards.

Policy SAF-1.1: Promote intergovernmental cooperation and training. The County supports and will promote intergovernmental cooperation among local, state, and federal public agencies to reduce known hazards; further define uncertain hazards; and provide interagency training to effectively respond and coordinate during hazardous events. In particular, the County will work to develop cooperative working relationships with agencies having responsibility for flood and fire protection.

Action Item SAF-1.1a	Participate in local, regional, and state education programs regarding fire, flood, and geologic hazards	Ongoing \$	OES, NC Fire, SD	An ongoing part of County and PBES training programs.
Action Item SAF-1.1b	Work to ensure that all county fire departments and local law enforcement, as well as other emergency office staff, identify potentially hazardous and cascading hazardous events and perform regular training biannually.	Ongoing \$\$	OES, NC Fire, SD	Interagency training with OES, Fire, law, EMS and hospital personnel happens annually.

Policy SAF-1.4: Perform post-disaster evaluation. Following disasters, conduct an evaluation of redevelopment, particularly after large fires.

Related Action	Following disasters, conduct an evaluation of redevelopment, particularly after large fires.	Ongoing \$\$	OES, PW, PBES, NC Fire	OES performs all AAR according to intervals set forth by Cal OES. Not specific to redevelopment.
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Policy SAF-1.8: Support individual self-reliance. The County supports and encourages the development of individual self-reliance in the wake of a disaster and supports and encourages individual, family, and community disaster plans. Annually, the County will distribute the Emergency Preparedness Guide to all households and businesses.

Related Action	Distribute the Emergency Preparedness Guide to all households and businesses.	Ongoing	OES, HHSA	Emergency Preparedness information is
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Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
<p>available through OES online (readynapacounty.org) or at various outreach events.</p>				
<p>Policy SAF-1.9: Assess future emergency service needs. Prepare an assessment and projection of future emergency service as part of the county's General Plan Land Use Element Update and Master Fire Plan and ensure that future growth projections are coordinated with emergency and fire service capacity and delivery.</p>				
Related Action	Prepare an assessment and projection of future emergency service.	A \$	NC Fire, PBES, PW, HHSA	No update at this time.
<p>Goal SAF-2: The County will be prepared in the event of a disaster to protect residents and businesses from impacts and further harm, while beginning post-disaster reconstruction of facilities destroyed by hazards or natural disasters as soon as reasonable.</p>				
<p>Policy SAF-2.9: Disseminate emergency planning information. The County will work with the agricultural sector and other agricultural organizations to disseminate emergency planning information to all populations affected by hazards that particularly affect the agricultural industry, such as drought, severe weather, wildfires, flooding, and disease outbreaks or pandemics.</p>				
Related Action	Disseminate emergency planning information to all populations affected by hazards that particularly affect the agricultural industry.	Ongoing \$	OES, PBES, Agricultural Commissioner's Office	OES preparedness booklet can be found online in both Spanish and English. This includes information on Go Bags, Grab Lists, Defensible Space ordinance, hazardous plants, etc.
<p>Policy SAF 2-10: Update evacuation planning actions. Using the methodology and conclusions from the Emergency Planning & Evacuation analysis in Appendix B, consider including the following actions in conjunction with established fire standards when formalizing plans for potential or imminent evacuation routes.</p>				
Action Item SAF-2.10a	Update municipal and street codes to utilize minimum standards of fire safety codes and measures for access/evacuation routes.	A \$\$	PBES	Currently underway.
Action Item SAF-2.10b	Establish mitigation measures and improvement plans for inadequate evacuation routes.	A \$\$	SD, PW	Firewise has conducted fuel modification efforts on all major evacuation efforts and will continue their efforts with the receipt of the \$51M BRIC grant from FEMA. Several key evacuation roads (Howell Mtn., Pope Valley, Steele Canyon have been repaved and others (Deer Park) are included in our 5-year plan.
<p>Policy SAF-2-18: Prioritize capital improvements on evacuation routes in need of repair. Prioritize capital improvements on evacuation or emergency access routes needing repair, maintenance, or replacement, especially in WUI areas.</p>				
Action Item SAF-2.18a	Biannually, conduct and document an assessment of roads typically used as evacuation routes, create a list of potential hazards that could be mitigated, and resolve those issues on a priority basis as determined by the Public Works Director and as funding allows.	Ongoing \$\$\$	PW	Currently ongoing. Next formal assessment will be done in 2025.
Action Item SAF-2.18b	With regard to the assessment of evacuation routes, emphasis shall be placed on roads used for evacuation from relatively dense rural communities, such as Berryessa Estates, Berryessa Highlands, and Angwin.	Ongoing \$\$\$	PW, SD	Currently ongoing. Next formal assessment will be done in 2025.
<p>Policy SAF-2.19: Install backup generators and/or mobile generators in public facilities. Install backup power generators or mobile generators for fire stations, pump houses, emergency shelters,</p>				

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
and cooling centers.				
Related Action	Install backup power generators or mobile generators for fire stations, pump houses, emergency shelters, and cooling centers.	B \$\$\$	PW, SD, NC Fire, OES	Emergency Shelters either have generators installed privately (no county owned shelters at this time) or have transfer switches and OES has portable generators to power.
Policy SAF-2.22: Offer agricultural training and networking resources. Offer agricultural disaster training and networking opportunities for farmers and agricultural regulatory agencies.				
Related Action	Offer agricultural disaster training and networking opportunities for farmers and agricultural regulatory agencies.	Ongoing \$\$	Agricultural Commissioner's Office	No update at this time.
Climate Change Policies				
Goal SAF-3: The County will address and reduce hazards caused by climate change, with climate change adaptation.				
Policy SAF-3.2: Conduct sea level rise monitoring and public education. Annually monitor for sea level rise that could affect private and public buildings and facilities. Create a comprehensive outreach strategy that informs residents in potentially affected areas of the county about efforts to protect and increase community resiliency to sea level rise.				
Related Action	Annually monitor for sea level rise that could affect private and public buildings and facilities.	Ongoing \$	FCWCD, United States Geological Survey	No update at this time.
Policy SAF-3.4: Implement safety and preparation measures from the MJHMP. Implement the recommendations and mitigation measures of the MJHMP to provide climate change adaption throughout the county. These mitigation measures address topics such as emergency power, emergency preparedness, sea level analysis, assistance to vulnerable populations and the agricultural community, and improvement of critical facilities and infrastructure.				
Related Action	Adopt mitigation measures to address topics such as emergency power, emergency preparedness, sea level analysis, assistance to vulnerable populations and the agricultural community, and improvement of critical facilities and infrastructure.	Ongoing \$\$\$	OES, PW, FCWCD, PBES	Napa County has engaged a consultant for the next update to the MJHMP (August 2025) and are in the early stages of planning and discussion the incorporation of new legislation concerning climate sea level analysis and so forth. All new mitigation requirements will be considered and adopted.
Policy SAF-3.6: Construct new cooling centers near farmworker populations. Construct new cooling centers near farmworker populations and improve others if identified as substandard.				
Related Action	Construct new cooling centers near farmworker populations.	B \$\$\$	OES, PW, PBES	OES is prepared to respond to events which exceed temperature thresholds with cooling center support and generators where appropriate.
Policy SAF-3.9: Construct rainwater catchment systems. Construct rainwater catchment systems to recharge groundwater in government rights-of-way.				

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Related Action	Construct rainwater catchment systems.	B \$\$	PW, FCWCD, PBES	No update at this time.
Policy SAF-3.11: Develop alternative water supplies. Construct and develop alternative water supplies to augment single sources of water delivery.				
Related Action	Construct and develop alternative water supplies.	B \$\$	FCWCD, PBES	No update at this time.
Disease and Pandemic Policies				
Goal SAF-4: Be prepared to effectively respond to outbreaks and diseases of pandemic potential and to control the spread of infectious diseases and other diseases of concern.				
Policy SAF- 4.1: Upgrade existing buildings, including hospitals. Evaluate existing buildings' ventilation and air conditioning/filtration systems, including cooling towers, to mitigate poor air quality during wildfires and prevent infectious diseases such as Legionella; and increase hospital isolation capacity with additional air-born isolation wards.				
Related Action	Upgrade existing buildings' ventilation and air conditioning/ filtration systems.	B \$\$\$	PW, HHS	State of the art ventilations systems will be considered on all upcoming major remodeling or new construction projects.
Drought Policies				
Goal SAF-5: Reduce the impacts caused by drought for residents and the business community.				
Policy SAF-5.1: Develop a public water conservation campaign. Work with the Napa County Flood Control & Water Conservation District to develop a public education campaign to encourage water conservation during drought.				
Related Action	Develop a public campaign to encourage water conservation during droughts.	A \$	PW, FCWCD, PBES, OES	OES will campaign water conservation when there are emergent threats due to drought conditions.
Policy SAF-5.3: Install water monitoring devices. Install water monitoring devices on government-owned facilities.				
Related Action	Install water monitoring devices on government-owned facilities.	A \$\$	PW, PBES	All county buildings have water meters.
Policy SAF-5.5: Update water conservation policies for landscaping. Amend or revise water conservation regulations for landscape design.				
Related Action	Amend or revise water conservation regulations for landscape design.	A \$	PBES, PW	No update at this time.
Policy SAF-5.6: Adopt an outdoor watering conservation ordinance. Adopt a new water conservation ordinance for commercial and residential land uses limiting outdoor watering.				
Related Action	Adopt a new water conservation ordinance for commercial and residential land	A	PBES	No update at this time.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
	uses limiting outdoor watering.	\$		
Flooding Policies				
Goal SAF-6: Protect residents and businesses from hazards caused by flooding.				
Policy SAF-6.7: Inform property owners in inundation areas about voluntary flood insurance. Develop a public outreach program that informs property owners within the dam or levee inundation areas about voluntary flood insurance (preferred risk policies), increasing participation in the National Flood Insurance Program.				
Related Action	Develop a public outreach program that informs property owners within the dam or levee inundation areas about voluntary flood insurance.	Ongoing \$	PBES, PW, FCWCD, OES	No update at this time.
Policy SAF-6.8: Adopt a stream channel ordinance. Draft and adopt a stream channel ordinance that would place responsibility for maintenance on the property owner and give Napa County enforcement power.				
Related Action	Draft and adopt a stream channel ordinance.	A \$	PBES, PW, FCWCD, OES	If appropriate will be addressed in future hazard mitigation planning.
Policy SAF-6.15: Reduce floodplain risk through regulatory standards. Adopt higher regulatory standards to reduce future flood risk and support a no-adverse-impact philosophy of floodplain management.				
Related Action	Adopt higher regulatory standards to reduce future flood risk.	A \$	PBES, FCWCD, PW	No update at this time.
Geologic and Seismic Policies				
Goal SAF-7: To the extent reasonable, protect residents and businesses in the unincorporated area from hazards created by earthquakes, landslides, and other geologic hazards.				
Policy SAF-7.1: Require a geotechnical study for new projects and modifications along known hazard areas. Consistent with county ordinances, require a geotechnical study for new projects and modifications of existing projects or structures located in or near known geologic hazard areas, and restrict new development atop or astride identified active seismic faults in order to prevent catastrophic damage caused by movement along the fault.				
Action Item SAF-7.1a	Make updated maps publicly available. Updated maps should be made available to the public at county offices, on the county's website, and through other appropriate channels.	Ongoing \$\$	PBES, USGS	Map layers are provided as an ongoing part of the PBES work program and are available (as allowed) via the online GIS data catalogue. The Flood Zones map was updated in 2011; the Hazardous Facilities map was updated in 2012.
Policy SAF-7.2 Plant native vegetation on unstable slopes to minimize erosion and landslide potential. As part of the review and approval of development and public works projects, planting of vegetation on unstable slopes shall be incorporated into project designs when this technique will protect structures at lower elevations and minimize the potential for erosion or landslides. Native				

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
plants should be considered for this purpose, since they can reduce the need for supplemental watering that can promote earth movement.				
Related Action	Plant native vegetation on unstable slopes.	B \$\$	PW, PBES	Stabilization measure to help secure unstable slopes are included in the review of discretionary projects where applicable.
Policy SAF-7.6: Implement cave construction requirements. Facilities constructed in caves shall be required to conform to access/egress and fire suppression requirements as determined by the County based on the cave’s use or occupancy. Mechanical, electrical, and plumbing permits are required for cave improvements, a building permit is required for the cave’s portal, and a grading permit is required for movement or disposal of cave spoils.				
Related Action	Implement cave construction requirements.	A \$	PBES, NC Fire	No update at this time.
Policy SAF-7.11: Update and enforce seismic building codes. Adopt and enforce updated building codes to reduce earthquake damage to structures.				
Related Action	Update and enforce seismic building codes.	A, Ongoing \$\$	PBES, PW	Ongoing as part of annual updates to the Building Code.
Hazards from Human Activity Policies				
Goal SAF-8: Protect residents and businesses from hazards caused by human activities.				
Policy SAF-8.4: Review and remedy sites suspected or known to be contaminated by hazardous materials. All development projects proposed on sites that are suspected or known to be contaminated by hazardous materials and/or are identified in a hazardous material/ waste search shall be reviewed, tested, and remediated for potential hazardous materials in accordance with all local, state, and federal regulations.				
Action Item SAF-8.4a	Require confirmation of remediation of contaminated sites from applicable government agencies. The County shall require written confirmation from applicable local, regional, state, and federal agencies that known contaminated sites have been deemed remediated to a level appropriate for the land uses proposed prior to the County approving site development or require an approved remediation plan that demonstrates how contamination will be remediated prior to site occupancy. This documentation will specify the extent of development allowed on the remediated site as well as any special conditions and/or restrictions on future land uses.	C, Ongoing \$	PBES, CalEPA	Required by PBES as a regular part of their review of development applications.
Policy SAF-8.6: Review plan compatibility of zoning and land uses within airport areas and facilities. For maximum safety, all land uses and zoning within airport areas shall be reviewed for compatibility with the adopted plans for the Napa County Airport, Angwin Airport, and other general aviation facilities in the area.				
Related Action	Review all land uses and zoning within airport areas for compatibility with the adopted plans for the Napa County Airport, Angwin Airport, and other general aviation facilities in the area.	Ongoing \$	PBES, Napa County Airport, Angwin Airport	The Airport Land Use Compatibility Plan is currently under review and update and is anticipated to be complete the fall of 2024.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Severe Weather Policies				
Goal SAF-9: Reduce the impacts caused by severe weather events for residents and the business community.				
Policy SAF-9.1: Provide resources to vulnerable populations. Organize outreach to vulnerable populations, including establishing and promoting accessible shelters in the community.				
Related Action	Outreach to vulnerable populations.	Ongoing \$	OES, PBES, HHS	OES does outreach to all populations. Works closely with HHS for vulnerable population outreach specifically if sheltering or disaster conditions are present.
Policy SAF9.2: Develop a public information campaign on the details and benefits of 72-hour kits.				
Related Action	Spread information via a public campaign	Ongoing \$	OES, PBES, HHS	OES has various public outreach campaigns through physical events, local radio stations, online platforms such as websites and social media. This addresses Go Bags, stay kits and Grab lists.
Wildfire Policies				
Goal SAF-10: Effectively manage forests and watersheds to protect homes and businesses from fire and wildfire and minimize potential losses of life and property.				
Policy SAF-10.2: Maintain consistency with California codes. Maintain consistency with California Code of Regulations Title 14 Natural Resources Division 1.5 Department of Forestry Chapter 7 - Fire Protection.				
SAF-10.2a	Update municipal code per state fire protection code. Review and update the Napa County Municipal Code as necessary to bring the code into compliance with California Code of Regulations Title 14 Natural Resources Division 1.5 Department of Forestry Chapter 7 - Fire Protection.	A \$	PBES, NC Fire, CAL Fire	No update at this time.
Policy SAF-10.4: Minimize hazards in very high fire hazard severity zones. Avoid or minimize new residential development in the very high fire hazard severity zone (VHFHSZ). If new development occurs within the VHFHSZs, the County will ensure the most current state and local fire regulations and codes are applied, such as the State Fire Safe Regulations, Fire Codes, Defensible Space, and the most current State Home Hardening recommendations.				
Action Item SAF-10.4a	Create standards for development in high fire hazard severity areas. Develop site criteria and construction standards for development in high fire hazard severity zones and adopt standards to restrict urbanizing these areas as defined in Policy AG/LU-27 unless adequate fire services are provided.	A \$	PBES, NC Fire, CAL Fire	Building and Fire Codes periodically updated in compliance with State law.
Action Item SAF-10.4b	Implement the Community Wildfire Protection Plan. Continue to implement the Board of Supervisors–approved Napa County Community Wildfire Protection Plan (CWPP) and ensure that the CWPP is supported and maintained through	Ongoing \$\$\$	NC Fire, CAL Fire	Implementation of the CWPP is ongoing.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
	regular updates. Enable and fund the Napa Communities Firewise Foundation and other community organizations to continue to implement the CWPP through information and education programs, community outreach, and fuel modification.			
Policy SAF-10.7: Support new technology in fire suppression and prevention. The County supports the development and use of new technology in the suppression and prevention of fires.				
Action Item SAF-10.7a	Develop improved methods of fire planning and firefighting. The County will work with CAL FIRE to develop improved methods of fire planning and firefighting for use in Napa County.	Ongoing \$\$\$	NC Fire, CAL Fire	Goals, Policies & Programs to reflect this are in the 2023 Safety Element Update planned for adoption in early 2023. Draft Safety Element Update has been reviewed by the State Board of Forestry.

Abbreviations

A= short term (1-5 years)
 B = longer term (5-10 years)
 C = even longer term (10+ years)

BOS = Board of Supervisors
 RPOSD = Reg. Parks & Open Space District
 PBES = Planning, Building & Environmental Services (formerly PBES)
 NC Fire = Napa County Fire Dept (formerly CalFire)
 PW = Public Works Department
 NCTPA = Napa County Transportation & Planning Agency
 EH = Environmental Health (division of PBES; formerly EH)
 FCWCD = Flood Control & Water Conservation District
 ITS = Information Technology Systems Department
 WICC = Watershed Information Ctr/Conservancy
 CC = County Counsel
 WANB = Workforce Alliance of the North Bay
 CIA = Division of Community & Intergovernmental Affairs
 GIS = computerized mapping
 GHG = greenhouse gas
 OES = Office of Emergency Services
 SD = Sheriff's Department
 HHSA = Health and Human Services Agency

\$ - cost & level of effort is expected to be modest for the reasons stated
 \$→\$\$\$ - cost & level of effort will depend on policy direction & available resources
 \$\$\$ - cost & level of effort is expected to be substantial