Appendix D

Climate Action Plan Consistency Checklist

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A Tradition of Stewardship A Commitment to Service

Climate Action Plan Consistency Checklist

Introduction

The Napa County Climate Action Plan (CAP), adopted by the County Board of Supervisors on XXXXXXX, 2017, outlines actions that the County will undertake to achieve its proportional share of State greenhouse gas (GHG) emissions reductions. Implementation of the CAP will require that new development projects attain higher levels of energy efficiency and incorporate more sustainable design standards. To help new development applicants plan and design projects consistent with the CAP, and to assist County staff in determining the consistency of proposed projects with the CAP during development review, the County has prepared a CAP Consistency Checklist (Checklist). This Checklist, in conjunction with the CAP, provides a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

Analysis of GHG emissions and potential climate change impacts from new development is required under CEQA. The Napa County CAP is a plan for the reduction of GHG emissions in accordance with CEQA Guidelines Section 15183.5. Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to cumulative GHG emissions effect may be determined to not cumulatively be significant if it complies with the requirements of a plan for the reduction of GHG emissions. The Napa County CAP meets the criteria identified in Section 15183.5; therefore, the CAP is considered a "qualified" plan for the reduction of GHG emissions. New development projects that can demonstrate consistency with applicable GHG reduction measures in a qualified plan for the reduction of GHG emissions are eligible for CEQA streamlining, per the provisions of CEQA Guidelines Section 15183.5. Under these provisions, if a project can show consistency with applicable GHG reduction measures, the level of analysis for the project required under CEQA with respect to GHG emissions can be reduced considerably (i.e., a detailed analysis of project-level GHG emissions and potential climate change impacts is not needed).

This Checklist contains measures that are required to be implemented on a project-by-project basis to ensure that the specified emissions targets identified in the CAP are achieved. Implementation of these measures would ensure that new development is consistent with the CAP's assumptions regarding the implementation of relevant CAP strategies toward achieving the identified GHG reduction targets. Furthermore, a project's incremental contribution to cumulative GHG emissions may be determined to not be cumulatively considerable. Projects that are consistent with the CAP, as determined using this Checklist, may rely on the CAP for the cumulative impacts analysis of GHG emissions under CEQA. Projects requiring discretionary review that cannot demonstrate consistency with the CAP using this Checklist would be required to prepare a separate, more detailed project-level GHG analysis as part of the CEQA document prepared for the project.

Checklist Applicability

This Checklist only applies to certain development projects that require discretionary review and must undergo environmental review (i.e., not exempt) pursuant to CEQA. Projects that only require ministerial review (e.g., only building permits) would not be subject to the Checklist. The CAP contains other measures that, when implemented, would apply to broadly to all ministerial and discretionary projects. Some of those measures (e.g., CALGreen Tier 1 standards) are included for discretionary projects in this Checklist, but

could also apply to all ministerial projects broadly once the County takes action to codify specific requirements or standards.

Discretionary actions that are not subject to this Checklist would include: 1) discretionary actions that are otherwise exempt from CEQA because they do not result in any physical changes to the environment; 2) permits allowing wireless communication facilities; and 3.) certain infrastructure projects such as roads, pipelines, or other public works projects that are not directly tied to specific development proposals. These classes of discretionary actions would not result in changes in land use, the intensification of existing land uses, new building construction, or substantial renovations or expansions of buildings, and thus completion of this Checklist would not be applicable. However, staff may still require certain discretionary projects to complete separate, project-specific GHG analyses and incorporate such analyses and any project-level mitigation required into CEQA documents. This could include, for example, roads, pipelines, or other public works, where construction activities or physical changes in the environment could result in increases in GHG emissions. The final determination of whether the CAP Checklist may be used, or whether a project-specific analysis is required, will be made by staff.

Checklist Procedures

General procedures for Checklist compliance and review are described below. Specific guidance is also provided under each of the questions under Steps 1 and 2 of the Checklist in subsequent pages.

- The County's Planning Division reviews development applications and will make determinations regarding environmental review requirements under CEQA. Procedures for CEQA can be found on the County's <u>Planning Policy Documents Homepage</u>. County staff will make the final determination as to whether environmental review is required, and if so, whether completion of the CAP Checklist is required for a proposed project or whether a separate project-level GHG analysis is required.
- The specific requirements outlined in the Checklist, along with any items the applicant agrees to in consideration of this process, shall be required as a condition of approval.
- The applicant must provide a written explanation that demonstrates how the proposed project will implement each Checklist requirement described herein to the satisfaction of the Planning Division.
- If a question in the Checklist is deemed not applicable (N/A) to a project, an explanation must be provided to the satisfaction of the Planning Division.
- Applicants may provide alternate GHG reduction measures to those included in this checklist, so long as the alternate measures are demonstrated to be equivalent or more effective than those being replaced. Applicants requesting use of alternate GHG reduction measures must submit supporting documentation along with the completed CAP Checklist, including detailed GHG reduction calculations and a written narrative, substantiating how the alternate measures would achieve equivalent or more GHG reductions.
- Development projects requiring discretionary review that cannot demonstrate consistency with the CAP using this Checklist would be required to prepare a separate, more detailed project-level GHG analysis as part of the CEQA document prepared for the project.
- The Checklist is an administrative document that may be updated periodically by County staff to incorporate new GHG reduction measures or to comply with later amendments to the CAP or local, State, or federal law. Any updates to the Checklist will be administered by the Planning Division at the staff level.

Application Information Contact Information Project No./Name: Property Address/APN: Applicant Name/Co.: Contact Phone: Contact Email: Was a consultant retained to complete this checklist? \square Yes \square No If Yes, complete the following: Consultant Name: Contact Phone: Company Name: Contact Email: **Project Information** 1. What is the size of the project (acres)? 2. Identify all applicable proposed land uses (indicate square footage): ☐ Residential (indicate # of one- and two-family units): ☐ Residential (indicate # of multi-family units): ☐ Commercial (indicate total square footage): ☐ Industrial (indicate total square footage): ☐ Winery (indicate total square footage): ☐ Agricultural (indicate total acreage): ☐ Other (describe): 4. Provide a brief description of the project proposed:

CAP Consistency Checklist Questions

Step 1: Land Use Consistency

For projects that are subject to the CAP consistency evaluation, the first step in determining consistency is to assess the project's consistency with the growth projections used in the development of the CAP. This section allows the County to determine a project's consistency with the land use assumptions used in the CAP.

Step 1: Land Use Consistency		
Checklist Item (Check the appropriate box and provide explanation and supporting documentation for your answer)	Yes	No
Is the proposed project consistent with the existing General Plan land use and zoning designations?		
Applicant Detail: Please substantiate how the project satisfies question 1.		
If "Yes," proceed to Step 2 (CAP Measures Consistency) of the Checklist.		
If "No," proceed to the question 2 below.		
2. Does the project include a land use plan and/or zoning designation amendment that would result in an equivalent or less GHG-intensive project when compared to the existing designations?		
Applicant Detail: Please substantiate how the project satisfies question 2 and provide estimated project emissions under both existing and proportion comparison.	osed designa	tions(s) for
		-
If "No," the project's GHG impact is potentially significant and must be analyzed in accordance with CEQA. The applicant must more detailed project-level GHG analysis to demonstrate how it would offset the increase in emissions over the existing design incorporate each of the measures identified in Step 2 to mitigate cumulative GHG emissions impacts unless the decision maker infeasible in accordance with CEQA Guidelines Section 15091. Proceed and complete a separate project-specific GHG analysis Checklist.	ations. The prince finds that a	roject must measure is

Step 2: CAP Measures Consistency

The second step of the CAP consistency review is to review and evaluate a project's consistency with the applicable measures of the CAP. Each checklist item is associated with a specific GHG reduction measure(s) in the Napa County CAP.

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation for your answer)	CAP Measure	Yes	No	N/A
New Vineyards on More than 5% Slopes	Medsure			
 1a. Electric Irrigation Pumps If installing new irrigation pumps, would the project install only electric irrigation pumps using either on-site solar photovoltaic (PV) or small wind energy generation systems and battery storage, or via connection to overhead power lines?; OR If the site contains existing diesel-powered or gasoline-powered irrigation pumps, would the project convert them to electric pumps using on-site solar PV or small wind energy generation systems with battery storage, or via connection to overhead power lines? Check "N/A" only if the project does not contain any agricultural operations. 	AG-2			
1b. Applicant Detail: Please substantiate how the project satisfies questions 1a.				
 2a. Agricultural Equipment Would the project, following project completion, use electric or alternatively-fueled agricultural equipment (i.e., renewable diesel, natural gas, or other low-carbon fuels) in its operations?; OR If the project cannot commit to using electric or alternatively-fueled agricultural equipment during operations, would the project use Tier 4 diesel equipment for off-road agricultural equipment? Check "N/A" only if the project does not contain any agricultural operations. 	AG-3 & AG-4			
2b. Applicant Detail: Please substantiate how the project satisfies questions 2a.				
 3a. Sustainable Agricultural Practices Which of the following sustainable agricultural best management practices (BMPs) will the project, following project completion, include in its operations? Check all that apply: Low carbon farming Low impact farming (e.g., minimizing tractor passes) Low- or no-till farming Cover cropping strategies Low nitrogen fertilizer usage Low water usage Composting 	AG-6			

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation for your answer)	CAP Measure	Yes	No	N/A
☐ Use of fuel efficient equipment ☐ Napa Green Land certification ☐ Other				
Check "N/A" only if the project does not contain any agricultural operations.				
3b. Applicant Detail: Please substantiate how the project satisfies questions 3a, providing details for each checked BMP.				
Building Energy Efficiency and Green Building				
 4a. Energy Audits <u>Existing Buildings</u>: For projects that require substantial additions to or alterations to existing buildings, and the scope of work would affect greater than or equal to 50 percent of the lot's total building square footage, the project must complete an energy audit. Will the energy audit be performed prior to issuance of a building permit? And, will the project applicant agree, as a condition of approval, to incorporate all cost-effective energy improvements into the project design, per the recommendations of the energy audit? Check "N/A" only if the project is not an existing project addition or alteration. 	BE-2			
4b. Applicant Detail:				
Please substantiate how the project satisfies questions 4a.				
5a. CALGreen Tier I Standards for Existing Nonresidential and Residential Construction: For projects that require substantial alterations or additions to existing buildings over 1,000 square feet, will the project agree, as a condition of approval, to comply with current CALGreen Tier 1 Green Building standards, as outlined in the California Green Building Standards Code; and, current Tier 1 energy efficiency standards in Title 24, Part 6 of the California Code of Regulations?	BE-3			
5b. CALGreen Tier I Standards for New Nonresidential and Residential, and ZNE Requirements: For projects that include new nonresidential or residential construction, will the project agree, as a condition of approval, to comply with current CALGreen Tier 1 Green Building standards, as outlined in the California Green Building Standards Code; and, current Tier 1 energy efficiency standards in Title 24, Part 6 of the California Code of Regulations?	BE-4			

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation for your answer)	CAP Measure	Yes	No	N/A
For projects that include new residential construction for which building permits would be issued after January 1, 2020, will the project agree, as a condition of approval, to achieve zero-net energy (ZNE) performance, in accordance with standards, specifications or guidance issued by the California Energy Commission under Title 24 of the California Code of Regulations?				
5c. Applicant Detail: Please substantiate how the project satisfies questions 5a and 5b.				
Oak Woodland and Forest Preservation and Tree Mitigation				
6a. Oak Woodland and Coniferous Forest – Preservation and Mitigation				
Would the project preserve a minimum of 30 percent of existing trees on-site?; <u>AND</u>	LU-1			
For any existing trees that cannot be preserved on-site, would they be replanted at a minimum ratio of 2:1 on-site or elsewhere?				
6b. Applicant Detail: Please substantiate how the project satisfies questions 6a.				
Riparian Woodland Preservation				
7a. Riparian Woodlands Would the project avoid removal of riparian woodland habitat and result in no net losses?	LU-2			
Check "N/A" only if the project does not contain any riparian woodland habitat.		_		
7b. Applicant Detail: Please substantiate how the project satisfies questions 7a.				
Tree and Woody Biomass Waste Diversion				
8a. Tree and Woody Biomass Waste Diversion				
If the project requires existing trees and/or woody biomass to be removed, will the project applicant demonstrate in the Construction & Demolition (C&D) Waste Management Plan that at least 80 percent of the	LU-3			

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation for your answer)	CAP Measure	Yes	No	N/A
total removed weight of trees or woody biomass will be diverted for other uses or prevented from burning by implementing any of the following?				
Reuse of harvested wood from removed trees as lumber or furniture in on-site construction				
 □ Sale of harvested wood from removed trees to local businesses □ Chipping non-usable wood or woody biomass for use as mulch on-site 				
☐ Burying non-usable woody biomass ☐ Other sustainable reuse or disposal methods				
Check "N/A" only if the project does not remove existing trees or woody biomass on-site.				
8b. Applicant Detail:				
Please substantiate how the project satisfies questions 8a, providing details for each checked item.				
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Water Heating Systems				
9a. Electric or Alternatively-Fueled Water Heating Systems: <u>Residential and Non-Residential</u> : For residential and non-residential projects, will the project agree, as a				
condition of approval, to install the following types of electric or alternatively-fueled water heating systems?				
Please check which types of systems will be installed:				
☐ Electric water heater ☐ Ground source heat pump				
□ Solar thermal water heater				
☐ Heat pump water heater ☐ Other	BE-6			
Natural gas water heating systems will only be permitted if natural gas water heaters proposed to be used are				
rated to achieve a minimum thermal efficiency of 95 percent. In this case, applicants must submit documentation verifying that the thermal efficiency ratings of the proposed water heaters are at least 95				
percent.				
Check "N/A" if the project does not contain any residential or non-residential buildings.				
9b. Applicant Detail: Please substantiate how the project satisfies questions 9a.				
Transportation System Management				
10a. Transportation System Management (TSM)				
Non-residential: For non-residential projects in which more than 20 employees will be employed on-site, will				
the project agree, as a condition of approval, to comply with the County's TSM ordinance? And, will the	TR-1			
project work with County staff to implement the proper combination of the following BMPs?				

Step 2: CAP Measures Consiste	ency				
Checklist Item		CAP	Yes	No	N/A
(Check the appropriate box and provide explanation for your answer)		Measure	103	140	1 1// 1
At least one of the following components: Parking cash out program Parking management plan that includes charging employees market-rate for single-occuparking and providing reserved, discounted, or free spaces for registered carpools or val Unbundled parking whereby parking spaces would be leased or sold separately from the purchase fees for the development for the life of the development At least three of the following components: Convenient access to transit On-site car-sharing vehicle(s) or bike-sharing Preferential parking for carpools and vanpools Predestrian access to public sidewalks Flexible or alternative work hours Parking management plan Telework program Transit, carpool, and vanpool subsidies Pre-tax deduction for transit or vanpool fares and bicycle commute costs Access to services that reduce the need to drive, such as cafes, commercial stores, ban restaurants, gyms, or childcare, either onsite or within ¼ mile of the structure/use? Check "N/A" if the project is a residential project or if the project would not accommodate mor employees.	nks, post offices, re than 20	INICASUIC			
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Darking					
11a. Clean-Air Designated Parking Spaces Non-residential projects: For new nonresidential projects, will the project agree, as a condit comply with clean-air designated parking spaces as stated in non-residential voluntary means of the California Green Building Standards Code and to provide designated parking for a compitting, fuel-efficient, and carpool/vanpool vehicles as outlined in the table below? Number of Required Number of Designated Parking Spaces	asure A5.106.5.11 ombination of low-	BE-3, BE-4 and TR-2			

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation for your answer)	CAP Measure	Yes	No	N/A
Note: Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces. The required designated parking spaces are to be provided within the overall minimum parking requirement, not in addition to it.				
Check "N/A" only if the project is a residential project.				
11b. Applicant Detail: Please substantiate how the project satisfies questions 11a.				
12a. Reduced Parking Capacity Non-residential: For new nonresidential projects, will the project agree, as a condition of approval, to comply with provisions stated in non-residential voluntary measure A5.106.6.1of the California Green Building Standards Code to reduce parking capacity by employing at least one of the following strategies? 1. Use of on street parking or compact spaces, illustrated on the site plan; or, 2. Implementation and documentation of programs that encourage occupants to carpool, ride share or use alternate forms of transportation. Check "N/A" only if the project is a residential project.	BE-3, BE-4 and TR-2			
12b. Applicant Detail: Please substantiate how the project satisfies questions 12a				
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Floatria Vahiala Infrastruatura				
13a. EV Charging For the following types of projects, will the project agree, as a condition of approval, to comply with applicable EV charging measures, as outlined in the California Green Building Standards Code ?				
 One- and two-family dwellings and townhouses with attached private garages: To comply with Tier 1 residential voluntary measure A4.106.8.1 of the <u>California Green Building Standards Code</u>, would the required parking serving each new dwelling be "EV Ready"¹ to allow for the future installation of electric vehicle supply equipment to provide an electric vehicle charging station for use by the resident? 	BE-3, BE-4 and TR-11			
Multi-Family Projects of 17 or more dwelling units: To comply with Tier 1 residential voluntary measure A4.106.8.2 of the California Green Building Standards Code, would 5% of the total parking				

¹ "EV Ready" means a parking space that is pre-wired with a dedicated 208/240 branch circuit installed in conduit that originates at the electrical service panel or sub-panel and 40 ampere minimum overcurrent protection device, and terminates into a cabinet, box or enclosure, in a manner approved by the building official.

Ste	ep 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation)	on for your answer)	CAP Measure	Yes	No	N/A
 the future installation of electric vehicle supply stations at such time as it is needed for use to a such time. Non-residential: To comply with Tier 1 nonresidential Green Building Standards Code, and the future installation of electric vehicle supply stations at such time. 	sidential voluntary measure A5.106.5.3 .1 of the would the project provide "EV Capable" spaces, as installation of electric vehicle supply equipment to				
Number of Required Parking Spaces 0-9 10-25 25-60 51-75 76-100 101-150 151-200 201 and over 13b. Applicant Detail: Please substantiate how the project satisfies questions	Number of Designated Parking Spaces 0 2 3 5 7 10 14 At least 8% of total				
Recycling and Composting					
Multi-Family Projects of 5 or more dwelling units: Would serve all buildings on the site and is identified for the dematerials for recycling, including (at a minimum) paper, and metals? Commercial and Wineries: Would the project facilitate of small and large businesses, in coordination with application offered by various recycling and waste disposal services. Check "N/A" if the project is single-family residential, multiple and the project is single-family residential.	positing, storage and collection of non-hazardous corrugated cardboard, glass, plastics, organic waste, or participate in food or winery waste composting for ble food waste and winery waste composting programs is within the County?	SW-1			
14b. Applicant Detail: Please substantiate how the project satisfies questions	14a. 				

² "EV Capable" means a parking space that has a cabinet, box or enclosure connected to a conduit linking the parking space to the electrical service panel in a manner approved by the building official. The electrical service panel shall provide sufficient capacity to simultaneously charge all electric vehicles with or without a load management system.

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide explanation for your answer)	CAP Measure	Yes	No	N/A
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Water Efficiency and Conservation		I		
15a. For residential and non-residential projects, would the project comply with all applicable indoor and outdoor water efficiency and conservation measures required under CALGreen Tier 1, as outlined in the California Green Building Standards Code ?	BE-3, BE-4 and WA-1			
15b. Applicant Detail: Please substantiate how the project satisfies questions 15a.				
47. Malas A. 19.	1			
16a. Water Audits <u>Existing Commercial and Industrial:</u> For commercial and industrial projects that require substantial addition, alteration, and expansion to existing facilities, the project must comply with a water audit.	WA-4			
Will the water audit be performed prior to issuance of a building permit? And, will the project agree, as a condition of approval, to incorporate all cost-effective water efficiency improvements into the project design, per recommendations in the water audit?				
16b. Applicant Detail: Please substantiate how the project satisfies questions 17a.				
Low-Global Warming Potential Refrigerants				
17a. Low-Global Warming Potential (GWP) Refrigerant Use Non-residential: For new nonresidential projects, will the project agree, as a condition of approval, to comply with CALGreen Tier 1 non-residential voluntary measure A5.508 as stated in the California Green Building Standards Code, which would require the installation of HVAC equipment that complies with either of the following: 1. Install HVAC, refrigeration and fire suppression equipment that do not contain HFCs or that do not contain HFCs with a global warming potential greater than 150. 2. Install HVAC and refrigeration equipment that limit the use of HFC refrigerant through the use of a	BE-3, BE-4 and HG-2			
secondary heat transfer fluid with a global warming potential no greater than 1. Check "N/A" if the project is residential.				
17b. Applicant Detail:				
Please substantiate how the project satisfies questions 17a.				