TABLE OF CONTENTS

Section	on		Page
LIST	OF AB	BREVIATIONS	VI
1	1.1 1.2 1.3 1.4 1.5	Overview of the General Plan Overview of the CEQA Process Scope and Content of This EIR Lead, Responsible, and Trustee Agencies Review of This Draft EIR	1-1 1-2 1-2 1-5
2	EXECUTIVE SUMMARY		
	2.1 2.2 2.3 2.4 2.5	Introduction	2-1 2-1 2-12 2-13
3	PROJECT DESCRIPTION		
	3.1 3.2 3.3 3.4 3.5 3.6	Geographic Extent of the Plan Area Background and Development of the General Plan General Plan Objectives Structure and Content of the General Plan Key Terms Required Discretionary Actions	3-3 3-8 3-10 3-21
4	ENVIRONMENTAL IMPACT ANALYSIS		
	4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17	Aesthetics, Scenic Resources, and Light Pollution Agriculture and Forestry Resources Air Quality Biological Resources Cultural, Tribal Cultural, and Paleontological Resources Energy Geologic Hazards Greenhouse Gas Emissions Hazards, Hazardous Materials, and Wildfire Hydrology and Water Quality Land Use and Planning Mineral and Petroleum Resources Noise and Vibration Population and Housing Public Services and Recreation Transportation and Traffic Utilities	4.2-1 4.3-1 4.4-1 4.5-1 4.6-1 4.7-1 4.9-1 4.10-1 4.11-1 4.12-1 4.13-1 4.15-1 4.16-1 4.17-1
5	CUMU 5.1 5.2	JLATIVE IMPACTS Methods of Analysis Cumulative Impacts	5-1
6	ALTE 6.1	RNATIVESIntroduction	

6.2	2040 General Plan Development		
6.3	Considerations for Selection of Alternatives		
	Alternatives Considered But Not Evaluated Further		
6.6	Environmentally Superior Alternative		
7 OTHE	OTHER CEQA CONSIDERATIONS		
7.1	Growth-Inducing Impacts		
7.2	Significant Irreversible Environmental Effects		
	RENCES		
9 REPO	RT PREPARERS	9-1	
• •	(included in a CD on back cover) Notice of Preparation and Comments		
Appendix B	Ventura County 2040 General Plan Update Background Report, Revi Review Draft January 2020	sed Public	
Appendix C	Air Quality Modeling		
Appendix D	GHG Calculations		
Appendix E	Noise Modeling		
Appendix F	Vehicle Miles Traveled Estimation		
Figures			
Figure 3-1	Project Location	3-2	
Figure 3-2a	2040 General Plan Land Use, Northern County	3-15	
Figure 3-2b	2040 General Plan Land Use, Southern County	3-17	
Figure 3-3	Existing Community and Urban Area Designations		
Figure 4.7-1	Subsidence Due to Groundwater Pumping	4.7-13	
Figure 4 12 1	Oil and Gas Well 2,500-ft Setback from Schools Map	A 12 15	
•	Oil and Gas Well 1,500-ft Setback from Dwelling Units Map		
•	Non-Coastal Zoning Ordinance & Coastal Zoning Ordinance Zone Classifications which allow Oil & Gas Exploration and Production &	4.12-10	
	Dwelling Units	4.12-17	
Figure 4.12-4	Major Oil Transmission Pipelines Map	4.12-25	
Figure 4.12-5	Major Gas Transmission Pipelines Map	4.12-29	
Figure 4.16-1	Roadway Classification Error! Bookmark r	not defined.	
•	Substandard Impact Areas Error! Bookmark		
Figure 5-1	Cumulative Impact Area	5-3	

Tables Table 2-1	Land Use Designation General Development Standards	2-7
Table 2-2	Land Use Designation Descriptions and Acreage in the Plan Area	
Table 2-3	Growth Forecast for Unincorporated Ventura County, 2015–2040	
Table 2-4	Summary of Impacts and Mitigation Measures	
Table 2-4	Outlinary of impacts and witigation weasures	2-10
Table 3-1	Land Use Designation General Development Standards	3-5
Table 3-2	Land Use Designation Descriptions and Acreage in the Plan Area	3-13
Table 3-3	Growth Forecast for Unincorporated Ventura County, 2015–2040	3-20
Table 4.3-1	Land Use Assumptions for Air Quality Modeling in 2040 Buildout Scenario	4.3-4
Table 4.3-2	Modeled Maximum Daily Emissions of Criteria Air Pollutants and Precursors Emissions (lb/day)	
Table 4.3-3	Mitigated Maximum Daily Emissions of Criteria Air Pollutants and Precursors Emissions (lb/day)	
Table 4.3-4	Summary of Maximum Daily Operational Emissions of Criteria Air Pollutants and Precursors in 2040 (lb/day)	4.3-18
Table 4.4-1	Additional Special-Status Plant Species Known or with Potential to Occur in Ventura County	4.4-2
Table 4.4-2	Additional Special-Status Wildlife Species Known of with Potential to Occur in Ventura County and Recent Status Changes	4.4-7
Table 4.4-3	Additional Sensitive Natural Communities Known to Occur in Ventura County	4.4-9
Table 4.6-1	Unincorporated Ventura County Electric Utility Program Enrollment	4.6-5
Table 4.6-2	2040 General Plan Estimated Building Electricity and Natural Gas Use .	4.6-20
Table 4.8-1	Baseline 2015 GHG Emissions for the Unincorporated County	4.8-5
Table 4.8-2	Forecast GHG Emissions for Unincorporated Ventura County 2020 to 2050	4.8-6
Table 4.8-3	2040 General Plan Target Reduction from 2015 Baseline Emissions Levels, 2020 to 2050	4.8-7
Table 4.8-4	Population, Employment, Housing, and Vehicle Miles Traveled in Unincorporated Ventura County, 2015 through 2040	4.8-38
Table 4.8-5	Quantified GHG Reductions	4.8-39
Table 4.8-6	CAP Programs with Qualitative GHG Reduction Benefits by Sector	4.8-40
Table 4.8-7	GHG-Reducing Policies Not Associated with Implementation Programs	4.8-45
Table 4.8-8	Programs Supporting Implementation and Monitoring of GHG Reduction Strategy	า 4.8-51

Table 4.11-1	Existing General Plan Land Use Designations and Proposed New General Plan Land Use Designations	4.11-19
Table 4.13-1	Existing Noise Levels and Noise Contour Distances	4.13-2
Table 4.13-2	Construction Vibration Damage Criteria	4.13-8
Table 4.13-3	Screening Distances for Vibration Assessment	4.13-8
Table 4.13-4	Reference Noise Levels from Typical Construction Equipment	4.13-12
Table 4.13-5	Noise Levels from Construction Activities	4.13-12
Table 4.13-6	Projected 2040 Noise Levels and Contours	4.13-16
Table 4.13-7	Comparison of Existing and Future Noise Levels Along Road Segme	nts 4.13-19
Table 4.13-8	Construction Equipment Vibration Levels	
Table 4.14-1	2014-2021 RHNA for the Unincorporated County	4.14-7
Table 4.16-1	2016 Ventura County Boundary-Based VMT Estimates	4.16-4
Table 4.16-2	2016 Ventura County Unincorporated Trip-Based VMT Estimates	4.16-7
Table 4.16-3	Analysis of Transportation Impacts Thresholds	4.16-9
Table 4.16-4	Ventura County Daily VMT Estimates (2040 Forecast)	4.16-24
Table 4.16-5	Transportation Thresholds	4.16-25
Table 4.16-6	Substandard Roadways Impacted	4.16-30
Table 4.17-1	Wastewater Treatment Capacity, Ventura County	4.17-2
Table 4.17-2	Existing Water Supplies and Demands	4.17-15
Table 4.17-3	Existing Landfill Capacity	4.17-19
Table 5-1	Population Projections of Cumulative Impact Area 2018 – 2040	5-2
Table 5-2	Forecasted Growth of Incorporated Cities within Ventura County	5-2
Table 5-3	Geographic Scope of Cumulative Impacts	5-5
Table 6-1	Summary Environmental Impacts of the Alternatives Relative to the 2	
	General Plan	6-22

LIST OF ABBREVIATIONS

°C degrees Celsius

AADT annual average daily traffic volume

AASHTO American Association of State Highway and Transportation

Officials

AB Assembly Bill

ACLUP Airport Comprehensive Land Use Plan

ADU accessory dwelling units
AGP Agricultural Preserves

AICUZ Air Installations Compatible Use Zone

APCD Air Pollution Control District
AQMP Air Quality Management Plan

AWMP Agricultural Water Management Plan

BACT Best Available Control Technology

BMP best management practices

CAAQS California ambient air quality standards
CAC County Agricultural Commissioner
CAFE Corporate Average Fuel Economy

CAL FIRE California Department of Forestry and Fire Protection

CalEEMod California Emissions Estimator Model Caltrans California Department of Transportation

CAMUTCD California Manual on Uniform Traffic Control Devices

CAP Climate Action Plan

CARB California Air Resources Board

CASGEM California Statewide Groundwater Elevation Monitoring

Program

CAUSE Coast Alliance United for a Sustainable Economy

CBC California Building Code

CCA Community Choice Aggregation
CCR California Code of Regulations
CEC California Energy Commission
CEQA California Environmental Quality Act
CESA California Endangered Species Act

CDFW California Department of Fish and Wildlife

CFC California Fire Code

CGS California Geological Survey
CMP Congestion Management Program
CMWD Casitas Municipal Water District
CNDDB California Natural Diversity Database
CNEL community noise equivalent level
CNPS California Native Plant Society

CO carbon monoxide

CO₂e carbon dioxide equivalent

CPA Clean Power Alliance

CPUC California Public Utilities Commission
CURB City Urban Restriction Boundaries
CWPA Critical Wildlife Passage Areas

dB decibel

dBA A-weighted decibel

DFIRM Digital Flood Insurance Rate Maps

DOGGR Division of Oil, Gas, and Geothermal Resources

du/ac dwelling units per acre

DWR California Department of Water Resources

EIR environmental impact report

EMFAC Emission Factor Executive Order

EOP Emergency Operations Plan

EPA U.S. Environmental Protection Agency ESA federal Endangered Species Act ESHA environmentally sensitive habitat areas

EV electric vehicle

FAA Federal Aviation Administration

FEMA Federal Emergency Management Agency

FHSV fire hazard severity zone

FHWA Federal Highway Administration

FMMP Farmland Mapping and Monitoring Program

FTA Federal Transit Administration

GHG greenhouse gas

GIS geographic information system

GPU General Plan Update

GSA groundwater sustainability agency groundwater sustainability plans

GWP global warming potential

HCD Housing and Community Development
HCWC Habitat Connectivity and Wildlife Corridor

HFA Hazardous Fire Areas HRA health risk assessment

ICLEI International Council for Local Environmental Initiatives

IEPR Integrated Energy Policy Report

IFC International Fire Code IOU Investor Owned Utility

IPCC Intergovernmental Panel on Climate Change IRP Integrated Resource Management Plan ISAG Initial Study Assessment Guidelines

LAFCo Local Agency Formation Commission

lbs pounds

LCA Land Conservation Act equivalent noise level

L_{max} maximum instantaneous noise level

LOS level of service

LRA Local Responsibility Area

LUST leaking underground storage tank

MACT maximum achievable control technology

MBTA Migratory Bird Treaty Act
MEI Maximum Exposed Individual
MHMP Multi-Hazard Mitigation Plan

MICOP Mixteco Indigena Community Organizing Project

MMPA Marine Mammal Protection Act

MS4 Municipal Separate Storm Sewer System

NAAQS national ambient air quality standards

NBVC Navy Base Ventura County
NCZO Non-Coastal Zoning Ordinance

NEHRP National Earthquake Hazards Reduction Program NHTSA National Highway Traffic Safety Administration

NIMS National Incident Management System

NOC notice of completion NOP notice of preparation

NPDES National Pollutant Discharge Elimination System

OES Office of Emergency Services

OPR Governor's Office of Planning and Research
OWTS Onsite Wastewater Treatment Systems

PM₁₀ respirable particulate matter with aerodynamic diameter of

10 micrometers or less

PM_{2.5} fine particulate matter with aerodynamic diameter of

2.5 micrometers or less

ppm parts per million

PUE Pesticide Use Enforcement

PV photovoltaic

RHNA Regional Housing Needs Assessment

RPS Renewable Portfolio Standard RRN Regional Road Network

RTP/SCS Regional Transportation Plan/Sustainable Communities

Strategy

SAFE Rule Safer Affordable Fuel-Efficient Vehicles Rule

SB Senate Bill

SCAG Southern California Association of Governments

SCAQMD South Coast AQMD

SCCAB South Central Coast Air Basin SCE Southern California Edison

SEMS Standardized Emergency Management System

Sewer Policy Ventura County Sewer Policy

SGMA Sustainable Groundwater Management Act SOAR Save Open Space & Agricultural Resource

SoCalGas Southern California Gas Company

SOI sphere of influence

SOP Standard Operating Procedure SOV single-occupancy vehicle

SQMP Stormwater Quality Management Program

SR State Route

SRA State Responsibility Area

STAA Surface Transportation Assistance Act

SWP State Water Project

SWRCB State Water Resource Control Board

TAC toxic air contaminant TCE trichloroethylene

TCM Transportation Control Measure TERPS Terminal Instrument Procedure

TP Timberland Preserve

TPZ Timberland Production Zone

USFWS U.S. Fish and Wildlife Service USGS U.S. Geological Survey,

UWMP Urban Water Management Plans

VCAPCD Ventura County Air Pollution Control District

VC-CAPS Ventura County Coalition Advocating for Pesticide Safety

VCFD Ventura County Fire Department

VCREA Ventura County Regional Energy Alliance VCTC Ventura County Transportation Commission

VMT vehicle miles travelled

WDR Waste Discharge Requirement
WPD Watershed Protection District
WUI wildland urban interface

ZNE zero net energy