
**VILLAGE AT LOS CARNEROS PROJECT
SCH #2011111001
FINAL ENVIRONMENTAL IMPACT REPORT**

VOLUME II

Prepared for:

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VOLUME II

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VOLUME III

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ACRONYMS

AB 32	Assembly Bill – California Global Warming Solutions Act of 2006
ACMs	Asbestos Containing Materials
ACOE	Army Corps of Engineers
ADT	Average Daily Traffic
AEP	Association of Environmental Professionals
AERSCREEN	Air Screening Model (EPA)
AES	Aesthetics
AF	Acre Feet
AFY	Acre Feet per Year
AHO	Affordable Housing Overlay
AIA	Airport Influence Area
ALTS	Alternatives
ALUC	Airport Land Use Commission
ALUP	Airport Land Use Plan
AMSL	Above Mean Sea Level
AP Zone	Alquist-Priolo Zone
APN	Assessor’s Parcel Number
AQ	Air Quality
AQAP	Air Quality Attainment Plan
BAAQMD	Bay Area Air Quality Management District
Basin Plan	SRWQCB Region 3 Water Quality Control Plan
BAT	Best Available Technology
BAU	Business As Usual (GHG)
BBQ	Barbeque
BCT	Best Available Pollutant Control Technology
bgs	Below ground surface
BHP-HR	Brake horsepower-hour
Bio	Biology
BIOS	Biogeographic Information and Observation System
BMP	Best Management Practices
C	Biological Rank Qualifier – Captive or Cultivated Only
CAAA	Clear Air Act Amendments
Cal AAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimate Model
CalEPA	California Environmental Protection Agency
CalGreen	California Green Building Code
CAP	Clear Air Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CASQA	California Stormwater Quality Association
CBC	California Building Code
CBSC	California Building Standards Commission
CC&Rs	Covenants, Conditions, and Restrictions
CCA	California Critical Area
CCAR	California Climate Action Registry
CCCC	California Climate Change Center

CCR	California Code of Regulations
CCRWQCB	Central Coast Regional Water Quality Control Board
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CF ₄	Carbontetrafluoride
CFCs	Chlorofluorocarbons
CFP	California Fully Protected [species]
CFR	Code of Federal Regulation
CGS	California Geological Survey
CH ₄	Methane
CHI	Chronic Hazard Index
CHMIRS	California Hazardous Materials Incident Report System
CIP	Capital Improvement Plan
CMP	Congestion Management Plan
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent
COE	County Office of Education
COMM	Commercial and Sports Fishing
CORRACTS	Corrective Action Facilities
CR	Cultural Resource
CREATE	Railroad Noise Model from Federal Transit Administration General Transit Noise Assessment Spreadsheet
CRHR	California Register of Historic Resources
CRPR	California Rare Plant Rank
CSC	California Species of Special Concern
CTC	Central Traffic Control (rail)
CWA	Clean Water Act
CWC	California Water Code
CY	Cubic Yards
DA	Development Agreement
dB	unit of sound pressure – faintest sound detectable to a person with normal hearing
dBA	A-weighting dB
dbh	Diameter at breast height (i.e. 4.5 feet above soil level)
DBR	Design Review Board
DEIR	Draft Environmental Impact Report
DHS	Department of Health Services
DIF	Development Impact Fee
DMMs	Demand Management Measures (water)
DNR	Designated National Reserve (biology)
DPAM	Development Plan Amendment
DPHS	Dos Pueblos High School

DPM	Diesel Particulate Matter
DPS	Distinct Population Segment (biology)
DR	Design Residential (Zoning Designation)
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EDR	Environmental Data Resources
EIR	Environmental Impact Report
EMF	Electromagnetic Field
EMFAC2011	Mobile Source Emissions Inventory
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ESHA	Environmentally Sensitive Habitat Area
EST	Estuarine Habitat
ESU	Evolutionarily Significant Unit (biology)
F°	Fahrenheit
FAA	Federal Aviation Administration
FCD	Flood Control District
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FINDS	Facility Index System
FIRM	Flood Insurance Rate Maps
FMP	Fuel Modification Plan
FRA	Federal Railroad Administration
FRESH	Fresh Water Replenishment
FTA	Federal Transportation Administration
G	Global Conservation Status Rank (biology)
g	unit of gravity
G1	Critically Imperiled
G2	Imperiled
G3	Vulnerable
Geo	Geology
GGWB	Goleta Groundwater Basin
GHG	Greenhouse Gases
GMC	Goleta Municipal Code
GMP	Goleta Groundwater Management Plan
GP/CLUP	General Plan/Coastal Land Use Plan
GPA	General Plan Amendment
gpm	Gallons per minute
GPS	Global Positioning System
GRW	Groundwater Recharge Area
GSD	Goleta Sanitary District
GSD	Goleta Sewer Department
GTIP	Goleta Transportation Improvement Program
GUSD	Goleta Unified School District
GVJHS	Goleta Valley Junior High School
GWD	Goleta Water District
GWP	Global Warming Potential
GWSD	Goleta West Sanitary District

GWWTTP	Goleta Wastewater Treatment Plant
HAZ	Hazard
HAZMAT	Hazardous Material
HCM	Highway Capacity Manual
HE	Housing Element
HFCs	Hydrofluorocarbons
HMA	Hazardous Materials Assessment
HMBP	Hazardous Materials Business Plan
HMBP	Hazardous Materials Business Plan
HMMP	Habitat Mitigation and Monitoring Plan
HMU	Hazardous Materials Unit (Fire Department)
HOA	Homeowners Association
HRA	Health Risk Assessment
HSWA	Hazardous and Solid Waste Amendments
HU	Hydrology Unit
HVAC	Heating, Ventilation & Air Conditioning System
HYDRO	Hydrology
ICU	Intersection Capacity Utilization
IFR	Instrument flight rule (airport)
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
ITE	Institute of Traffic Engineers
IZO	Inland Zoning Ordinance
JD	Jurisdictional Determination
LCAP	Local Control Accountability Plan (schools)
LCFF	Local Control Funding Formula (schools)
Ld	Hourly equivalent noise level for hours during daytime
Ldn	day/night noise level
Leq	Equivalent Continuous Sound Level
LID	Low Impact Development
LLG	Linscott Law & Greenspan (Traffic Engineers)
Ln	Hourly equivalent noise level for hours during nighttime
LOS	Level of Service
LOSSAN	Los Angeles-San Diego-San Luis Obispo Corridor Agency
LT	Long Term Meter (noise measuring)
LU	Land Use
LUP	Land Use Permit
LUST	Leaking Underground Storage Tank
M	Magnitude (earthquake)
MBTA	Migratory Bird Treaty Act
MCE	Maximum Considered Earthquake
MEP	Maximum Extent Practicable
MERV	Minimum efficiency reporting value
MFD	Multifamily Dwelling
mg/m ³	Milligram per cubic meter
MIGR	Migration of Aquatic Organisms
MLD	Most Likely Descendent
MM	Mitigation Measure
MMI	Modified Mercalli Intensity
MMT	Million metric tons

MND	Mitigated Negative Declaration
MPH	Miles per Hour
MRD	Industrial Research Park Land Use Designation
MSL	Mean Sea Level
MTCO _{2e}	Metric tons of carbon dioxide equivalents
MTD	Metropolitan Transit District
MUN	Municipal and Domestic Water Supply
MUTCD	California Manual on Uniform Traffic Devices
M _w	Maximum moment magnitude (Seismic)
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NAS	National Academy of Sciences
NDDB	National Diversity Database
NESC	National Electric Safety Code
NFPA	National Fire Protection Association
No.	Number
NO ₂	Nitrogen Dioxide
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
NO _x	Nitrogen Oxides
NPDES	National Pollution Discharge and Elimination System
NTPO	Notice To Property Owner
O ₃	Ozone
OA	Ordinance Amendment
OHM	Ordinary High Water Mark (stream)
OMP	Operations and Management Plan
OS	Open Space
OSHA	Occupational Safety and Health Administration
Pb	Lead
pC/L	pico curies per liter
PCB	Polychlorinated Biphenyls
PFCs	perfluorocarbons
PL	Property Line
PM ₁₀	Particulate Matter (also Fugitive Dust)
PM _{2.5}	Fine Particulate Matter
POA	Property Owners Association
ppb	Parts per billion
ppm	Parts per million
PRD	Planned Residential Development
psi	Pounds per square inch (water pressure)
PUC	Public Utilities Commission
Qac	Holocene to Upper Pleistocene-age alluvium and colluvium
Qaf	Artificial fill
Qal	Younger alluvium (Albus-Keefe)
Qia	Marine terrace deposits
Qoal	Older alluvium
R-MD	Residential – Medium Density (Land Use Designation)
RCRA	Resource Conservation and Recovery Act
REC	Recreation

REC 1	Water Contact Recreation
REC 2	Non-water contact recreation
ROG	Reactive Organic Gases
ROW	Right Of Way
RSIA	Rail Safety Improvement Act of 2008
RTA	Rail Transit Agencies
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
RZ	Rezone
S	State Conservation Status Rank (Biology)
S1	Critically Imperiled
S ₁	Second Period (seismic)
S2	Imperiled
S3	Vulnerable
SAFE	Safe Water Supplies Ordinance
SARA	Superfund Amendments and Reauthorization Act
SB 375	Senate Bill 375 – Sustainable Communities and Climate Protection Act of 2008
SBA	Santa Barbara Airport
SBCAG	Santa Barbara Association of Governments
SBCAPCD	Santa Barbara County Air Pollution Control District
SBCC	Santa Barbara County Code
SBCFCWCA	Santa Barbara County Flood Control and Water Conservation Agency
SBCFD	Santa Barbara County Fire Department
SBCFPD	Santa Barbara County Fire Prevention Division
SBCMC	Santa Barbara County Municipal Code
SBPLS	Santa Barbara Public Library System
SBUH	Santa Barbara Urban Hydrography
SBUSD	Santa Barbara Unified School District
SCAG	Southern California Association of Governments
SCCAB	South Central Coast Air Basin
SCE	Southern California Edison
SCH	State Clearinghouse
SCRTS	South Coast Recycling and Transfer Station
SF	Square Feet
SF ₆	Sulfur Hexafluoride
SFD	Single Family Dwelling
SHELL	Shellfish Harvesting
SIP	State Implementation Plan
SLIC	Spills, Leaks, Investigation and Cleanup
SMU	Site Mitigation Unit (Fire Department)
SNA	Significant Natural Area (California – biology)
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxide
SP	Specific Plan
SPA	Stream Protection Area
SPAWN	Spawning, Reproduction, and/or Early Development

Sq. Ft.	Square Foot or Square Feet
SQR	Small Quantity Generator
SRRE	Source Reduction and Recycling Element
SSSP	System Safety and Security Plans
ST	Short term meter (noise measuring)
SWMP	Storm Water Management Plan (City of Goleta)
SWP	State Water Project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminant
TDM	Transportation Demand Management
TDS	Total Dissolved Solids
TE	Transportation Element
TIA	Traffic Impact Analysis
TM	Tract Map (Recorded)
TMDL	Total Maximum Daily Loads
TNM	Traffic Noise Model (Federal Highway Administration)
TPRP	Tree Protection and Replacement Plan
TSDF	Treatment, Storage and Disposal Facility
TTM	Tentative Tract Map
TV	Television
U.S.	United States
U/A	Unclassifiable/Attainment
UCSB	University of California, Santa Barbara
UPRR	Union Pacific Railroad
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
UWMP	Urban Water Management Plan
v/c	Vehicle to Capacity Ratio
VdB	Vibration Decibels
VFR	Visual Flight Rule
VISTA	Ventura Intercity Service Transit Authority
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
vpd	Vehicles per day
VTTM	Vesting Tentative Tract Map
WARM	Warm Fresh Water Habitat
WDS	Waste Discharge System
WILD	Wildlife Habitat
µg/m ³	Micrograms per cubic meter