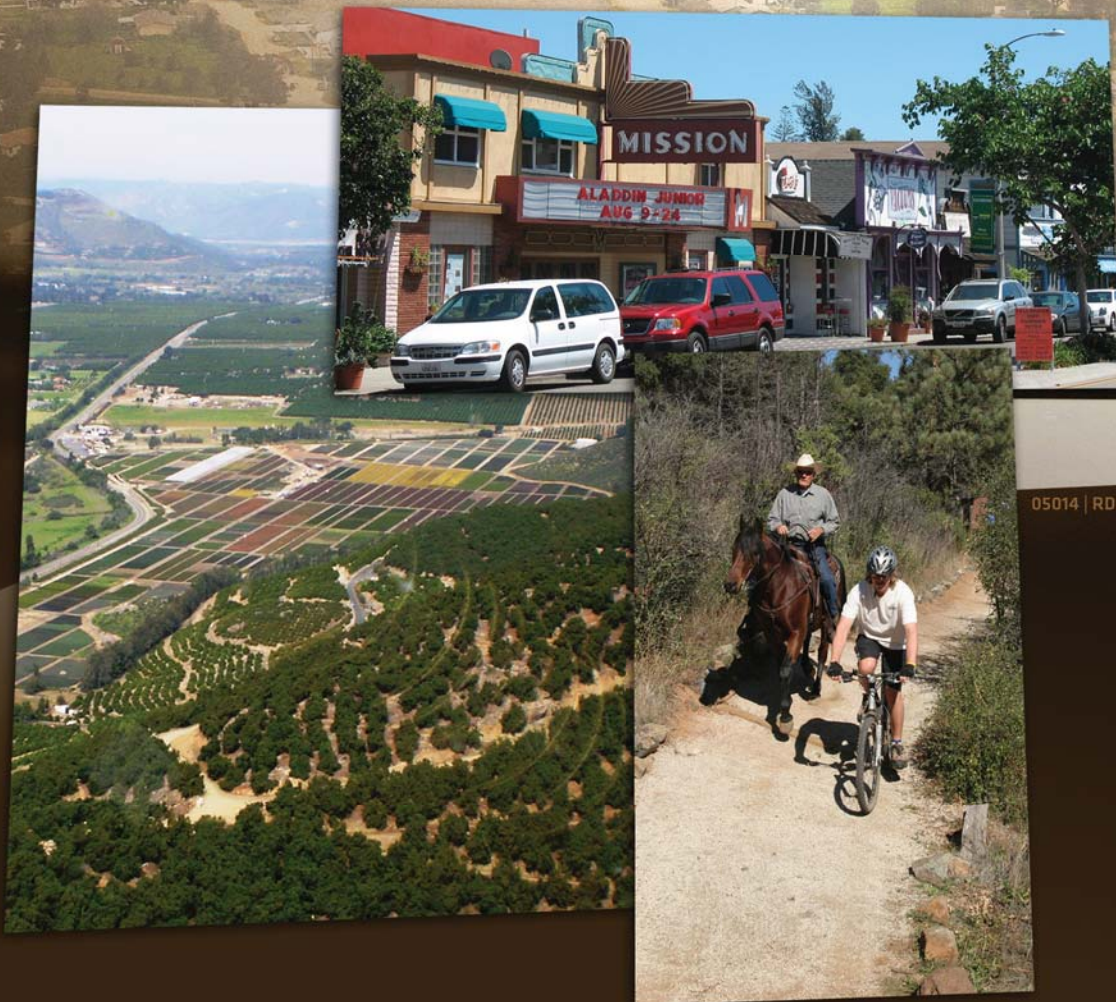


# San Diego County General Plan Update

# Final Environmental Impact Report

EIR # 02-ZA-001 | SCH # 2002111067 | Program EIR



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August 2011

County of San Diego | Dept. of Planning and Land Use  
5201 Ruffin Road, Suite B | San Diego, California 92123



**DRAFT FINAL ENVIRONMENTAL IMPACT REPORT**

**San Diego County General Plan Update  
DPLU Environmental Log No. 02-ZA-001  
State Clearinghouse (SCH) #2002111067**

**VOLUME I  
ENVIRONMENTAL IMPACT REPORT**

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**County of San Diego  
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**August 2011**



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**VOLUME II – TECHNICAL APPENDICES**

Appendix A NOP, Comments Received on the NOP, and Materials from the Scoping Meeting

Appendix B Air Quality Technical Report

Appendix C Biological Resources Tables

Appendix D Groundwater Study

Appendix E Proposed Road Construction/Widening Table

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Appendix G Traffic and Circulation Assessment

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Appendix I Rationale for Accepting Roadways with Level of Service E/F

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Appendix M Environmentally Superior Map Comparison to Referral Map

**VOLUME III – SUMMARY OF CHANGES TO THE DRAFT EIR, COMMENT LETTERS, AND RESPONSES TO COMMENTS ON THE DRAFT EIR**

**VOLUME IV – AMENDMENT TO THE EIR, DESCRIPTION AND ANALYSIS OF THE RECOMMENDED PROJECT**

## ACRONYMS AND ABBREVIATIONS

AAQS	ambient air quality standards
AASHTO	American Association of State Highway and Transportation Officials
AB	Assembly Bill
ABDSP	Anza Borrego Desert State Park
ACOE	U.S. Army Corps of Engineers
ADA	American with Disabilities Act
ADT	average daily traffic
AF	acre feet
AICUZ	Air Installation Compatible Use Zone
ALAPCO	Association of Local Air Pollution Control Officials
ALS	Advanced Life Support
ALUCP	Airport Land Use Compatibility Plan
AMI	area median income
AMR	American Medical Response
AMSL	above mean sea level
AP	Alquist-Priolo
APCD	Air Pollution Control District
API	Academic Performance Index
APZ	Accident Potential Zone
ASD	Alpine Sanitation District
ASFMRA	American Society of Farmland Managers and Rural Appraisers
ASTs	aboveground storage tanks
ASTREA	Aerial Support to Regional Enforcement Agencies
AWM	County of San Diego Department of Agriculture, Weights and Measures
BACT	best available control technology
BAU	business as usual
BLM	Bureau of Land Management
BLS	basic life support
BMO	Biological Mitigation Ordinance
BMPs	best management practices
BNSF	Burlington Northern Santa Fe Railroad
BOS	Board of Supervisors
BPWG	Bicycle and Pedestrian Working Group
BSD	Buena Sanitation District
BSPCSD	Borrego Springs Park Community Services District
BWD	Borrego Water District
CAA	Federal Clean Air Act
CAO	cleanup and abatement order
CAAQS	California Ambient Air Quality Standards
CACP	clean air & climate protection



CAJPA	California Association of Joint Powers Authorities
CalARP	California Accidental Release Prevention
Cal EMA	California Emergency Management Agency
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Caltech	California Institute of Technology
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAT Report	California Climate Action Team Report
CBC	California Building Code
CCR	California Code of Regulations
CCWD	Canebrake County Water District
CDE	California Department of Education
CDFG	California Department of Fish and Game
CDI	construction, demolition and inert
CDMG	California Division of Mines and Geology
CDO	cease and desist orders
CDOC	California Department of Conservation
CEC	California Energy Commission
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	County of San Diego Consolidated Fire Code
CFCP	California Farmland Conservancy Program
CFCs	chlorofluorocarbons
CFG	California Department of Fish and Game
CFR	Code of Federal Regulations
CGR	Carrizo Gorge Railway
CHHSLs	California human health screening levels
CHL	California Historic Landmark
CHR	Colorado Hydrologic Region
CIP	capital improvement projects
CIWMB	California Integrated Waste Management Board
CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNG	compressed natural gas
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub> e	carbon monoxide equivalent
CPA	community planning area
CPUC	California Public Utilities Commission
CR	County route
CRBRWQCB	Colorado River Basin Regional Water Quality Control Board

CRHR	California Register of Historical Resources
CSA	County service area
CSMP	Comprehensive Species Management Plan
CTMP	Community Trails Master Plan
CTP	County Trails Program
CTSA	Coordinated Transportation Service Agency
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWD	Cuyamaca Water District
CWSMD	Campo Water and Sewer Maintenance District
°C	degrees Celsius
°F	degrees Fahrenheit
dB	decibels
dBA	units of decibels
DCSD	Descanso Community Services District
DDWEM	Public Health Division of Drinking Water & Environmental Management
DEH	County of San Diego Department of Environmental Health
DEH-HIRT	County of San Diego Department of Environmental Health, Hazardous Incident Response Team
DEH-HMD	County of San Diego Department of Environmental Health, Hazardous Materials Division
DOC	California Department of Conservation
DOD	Department of Defense
DPLU	County of San Diego Department of Planning and Land Use
DPR	County of San Diego Department of Parks and Recreation
DPW	County of San Diego Department of Public Works
DTSC	California Environmental Protection Agency Department of Toxic Substances Control
du	dwelling unit
du/acre	dwelling unit per acre
DWR	California Department of Water Resources
ECTs	emission control technologies
EDD	Employment Development Department
EDUs	equivalent dwelling units
EIR	Environmental Impact Report
EMS	Emergency Medical Service
EMTs	Emergency Medical Technicians
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning Community Right to Know Act
ERCs	emission reduction credits
ESA	Federal Endangered Species Act

FAA	Federal Aviation Administration
FAHJ	fire authority having jurisdiction
FAR	floor-area ratio
FCC	Federal Communications Commission
FCD	County of San Diego Flood Control District
FCI	Forest Conservation Initiative
FEMA	Federal Emergency Management Agency
FHSZ	fire hazard severity zone
FHWA	Federal Highway Administration
FIRM	Federal Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FPD	fire protection districts
FPP	fire protection plan
FPS	facility planning services
FPUD	Fallbrook Public Utility District
FRA	Federal Railroad Administration
FRAP	Fire and Resource Assessment Program
FRPP	Farm and Ranch Lands Protection Program
FTA	Federal Transit Administration
FUDS	formerly used defense sites
GC	Government Code
GHG	greenhouse gas
GIS	Geographic Information System
GMP	Groundwater Management Plan
GPA	General Plan Amendment
gpd	gallons per day
gpm	gallons per minute
GWh	gigawatt-hours
GWP	global warming potential
H&SC	Health and Safety Code
H2S	hydrogen sulfide
HA	Hydrologic Area
HAPs	Hazardous Air Pollutants
HAZUS	natural hazard GIS database
HCD	Housing and Community Development
HCFC-22	chlorodifluoromethane
HCFCs	hydrochlorofluorocarbons
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HLP	Habitat Loss Permit
HMBP	Hazardous Material Business Plan
HMD	Hazardous Materials Division

HMP	Hydromodification Management Plan
HOV	High Occupancy Vehicle
HPL	San Diego County Historic Property Listing
HRA	health risk assessment
HSC	Health and Safety Code
HSGT	high-speed ground transportation
HU	Hydrologic Unit
HUD	Housing and Urban Development
HVAC	heating, ventilating, and air conditioning
HWD	Helix Water District
Hz	hertz
I-15	Interstate 15
I-8	Interstate 8
IAWP	Interim Agricultural Water Program
IBC	International Building Code
ICLEI	International Council for Local Environmental Initiatives
IEPR	Integrated Energy Policy Report
IFC	International Fire Code
in/sec	inches per second
IPCC	Intergovernmental Panel of Climate Change
IRP	Integrated Resources Plan
IWMA	Integrated Waste Management Act
IWMP	Integrated Waste Management Plan
IWRMP	Integrated Water Resources Management Plan
JCSD	Jacumba Community Services District
JPA	Joint Powers Authorities
JSD	Julian Sanitation District
Julian CSD	Julian Community Services District
km	kilometers
kWh	kilowatt hours
LAFCO	Local Agency Formation Commission
LARA	Local Agricultural Resource Assessment
LCC	land capability classification
LCCREF	Leadership Conference on Civil Rights Education Fund
LEA	Local Enforcement Agency
LEED	Leadership in Energy and Environmental Design
LEFMP	Law Enforcement Facilities Master Plan
Leq	equivalent continuous noise level
LESA	land evaluation site assessment
LHP	Landslide Hazards Program

LID	low impact development
Lmax	hourly Leq, maximum sound level
Lmin	minimum sound level
Lng	liquefied natural gas
LOS	level of service
LPC	Light Pollution Code
LRA	Local Responsibility Areas
LSD	Lakeside Sanitation District
LTF	Local Transportation Fund
LUFT	leaking underground fuel tanks
LWD	Lakeside Water District
µg/m <sup>3</sup>	micrograms per cubic meter
MACTs	maximum achievable control technologies
MBTA	Migratory Bird Treaty Act
MBTE	methyl tertiary butyl ether
MCB	Marine Corps Base
MCL	maximum contaminant levels
mg	million gallons
mg/m <sup>3</sup>	milligrams per cubic meter
mgd	million gallons per day
mm/yr	millimeters per year
MMcfd	million cubic feet/day
MMI	Modified Mercalli Intensity
MMRP	mitigation monitoring and reporting program
MMT CO <sub>2</sub> e	one million metric tons of carbon monoxide equivalent
MMtherms	million therms
MMWD	Mootamai Municipal Water District
MPCSD	Majestic Pines Community Services District
MPI	minutes per inch
MPOs	metropolitan planning organizations
MS4	metropolitan separate storm sewer systems
MSCP	Multiple Species Conservation Program
MSRs	municipal service reviews
MTS	Metropolitan Transit System
MUP	Major Use Permit
MVA	megavolt amperes
MW	megawatts
Mw	moment magnitude
MWD	Metropolitan Water District of Southern California
MWMP	Medical Waste Management Program
mya	million years ago

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NAAQS	National Ambient Air Quality Standards
NAFTA	North American Free Trade Agreement
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NASA	National Aeronautics and Space Administration
NCCP	Natural Community Conservation Planning
NCTD	North County Transit District
NDAA	California Natural Disaster Assistance Act
NEPA	National Environmental Policy Act
NESHAPS	National Emissions Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NFS	National Forest Service
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NHS	National Highway System
NMFS	National Marine Fisheries Service
NNL	National Natural Landmarks
NO <sub>2</sub>	nitrogen dioxide
NOP	Notice of Preparation
NO <sub>x</sub>	nitrous oxides or oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPDWR	National Primary Drinking Water Regulations
NPPA	California Native Plant Protection Act
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRI	Natural Resources Inventory
NSB	National Scenic Byway
NSDWR	National Secondary Drinking Water Regulations
NSR	New Source Review
O <sub>3</sub>	ozone
OAEP	Operational Area Emergency Plan
OEHHA	Office of Environmental Health Hazard Assessment
OES	County of San Diego Office of Emergency Services
OHV	Off-Highway Vehicle
OHMVR	Off-Highway Motor Vehicle Recreation
OMWD	Olivenhain Municipal Water District
OPR	California Office of Planning and Research
ORV	Off-Road Vehicle
OSSA	Open Space Subvention Act
OSM	U.S. Office of Surface Mining
OWD	Otay Water District
OWTS	on-site wastewater treatment systems

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PAA	plan amendment authorization
PACE	purchase of agricultural conservation easement
Pb	lead
PDMWD	Padre Dam Municipal Water District
PFCs	perfluorocarbons
PLDO	Park Lands Dedication Ordinance
PM <sub>10</sub>	respirable particulate matter less than 10 microns in diameter
PM <sub>2.5</sub>	fine particulate matter less than 2.5 microns in diameter
PMWD	Pauma Municipal Water District
PPH	persons per household
pphm	parts per hundred million
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
PRG	preliminary remediation goals
prs/rm	persons/room
PSD	prevention of significant deterioration
PUC	Public Utilities Commission
PVCSD	Pauma Valley Community Services District
PVSD	Pine Valley Sanitation District
QMWD	Questhaven Municipal Water District
RAQS	Regional Air Quality Strategy
RAS	regional arterial system
RCAs	resource conservation areas
RCP	Regional Comprehensive Plan
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RDDMWD	Rincon del Diablo Municipal Water District
REZ	rezone
RHNA	regional housing needs allocation
RHP	regional homeless profile
RMP	Risk Management Plan
RMS	root mean square
RMWD	Rainbow Municipal Water District
ROGs	reactive organic gases
RPO	Resource Protection Ordinance
RPS	renewable portfolio standard
RSFCSD	Rancho Santa Fe Community Services District
RTFH	Regional Task Force on the Homeless
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board

SA/SB	Sweetwater Authority/South Bay Irrigation District
SAM	site assessment and mitigation
SANDAG	San Diego Association of Governments
SANTEC/ITE	San Diego Traffic Engineering Council/Institution of Transportation Engineers
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCAG	Southern California Association of Governments
SCE	Southern California Edison
SCIC	South Coast Information Center
SD&AE	San Diego and Arizona Eastern Railway
SD&IV	San Diego and Imperial Valley Railroad
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDCGHGI	San Diego County Greenhouse Gas Inventory
SDCL	San Diego County Library
SDCPLL	San Diego County Public Law Library
SDCRAA	San Diego County Regional Airport Authority
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas and Electric Company
SDHR	San Diego Hydrologic Region
SDMWD	City of San Diego Metropolitan Wastewater Department
SDRWQCB	San Diego Regional Water Quality Control Board
SDSD	San Diego County Sheriff's Department
SDSU	San Diego State University
SDTC	San Diego Transit Corporation
SDWA	Safe Drinking Water Act
sf	square feet
SF6	sulfur hexafluoride
SFHA	special flood hazard areas
SFID	Santa Fe Irrigation District
SFP	School Facilities Program
SGOA	smart growth opportunity areas
SIP	State Implementation Plan
SLRMWD	San Luis Rey Municipal Water District
SLTs	screening-level thresholds
SO <sub>2</sub>	sulfur dioxide
SO <sub>4</sub> <sup>2-</sup>	sulfates
SoCalGas	Southern California Gas Company
SOI	Sphere of Influence
SONGS	San Onofre Nuclear Generating Station
SOPA	schedule of proposed actions
SO <sub>x</sub>	oxides of sulfur
SP	Specific Plan
SR	State Route



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SRA	State Responsibility Area
STA	State Transit Assistance
STAPPA	State and Territorial Air Pollution Program Administrators
Subregion	subregional planning area
SUSMP	standard urban stormwater mitigation plan
SVSD	Spring Valley Sanitation District
SWIS	Solid Waste Inventory System
SWFP	Solid Waste Facility Permit
SWP	State Water Project
SWPPPs	stormwater pollution prevention plans
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
TAZs	Traffic Analysis Zones
T-BACT	Toxic Best Available Control Technology
TCU	transportation, communication and utilities
TDA	Transportation Development Act
TDR	Transfer of Development Rights
TDS	total dissolved solids
TIF	transportation impact fee
TIS	traffic impact study
TM	Tentative Map
TMDL	total maximum daily load
TPM	Tentative Parcel Map
TRB	Transportation Research Board
TSDf	Treatment, Storage and Disposal Facilities
U.S.	United States
UBC	Unified Building Code
UDC	Unified Disaster Council
UNFCCC	United Nations Framework Convention on Climate Change
URM	unreinforced masonry
URMP	urban runoff management plan
USDA	U.S. Department of Agriculture
USDRIP	Upper San Diego River Improvement Project
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USMC	U.S. Marine Corps
USO	County of San Diego Uniform Sewer Ordinance
USTs	underground storage tanks
UWMP	urban water management plan
UXO	unexploded ordinance

V/C	volume to capacity
VCMWD	Valley Center Municipal Water District
VID	Vista Irrigation District
VMT	vehicle miles traveled
VOCs	volatile organic compounds
VWD	Vallecitos Water District
WPO	Watershed Protection, Stormwater Management, and Discharge Control Ordinance
WMA	watershed management area
WMP	watershed management plan
WNV	West Nile Virus
WPCSD	Whispering Palms Community Services District
WSA	water supply assessment
WWD	Wynola Water District
WWM	wastewater management
WUI	wildland urban interface
YMWD	Yuima Municipal Water District
ZO	Zoning Ordinance

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