

# TABLE OF CONTENTS

Section	Page
<b>LIST OF ABBREVIATIONS .....</b>	<b>VIII</b>
<b>SUMMARY .....</b>	<b>S-1</b>
Overview .....	S-1
Project Description .....	S-1
Project Objectives .....	S-2
Impact Summary .....	S-3
Alternatives to the Cannabis Program .....	S-3
Areas of Controversy and Issues to Be Resolved by the Decision-Making Body .....	S-5
<b>1 PROJECT DESCRIPTION, LOCATION, AND ENVIRONMENTAL SETTING .....</b>	<b>1-1</b>
1.1 Introduction .....	1-1
1.2 Project Objectives .....	1-1
1.3 Regional Location and Characteristics .....	1-2
1.4 Environmental Setting .....	1-3
1.5 Cannabis Overview .....	1-3
1.6 Project Description .....	1-12
1.7 Purpose and Use of this Program Environmental Impact Report .....	1-20
1.8 EIR Review Process .....	1-22
1.9 EIR Impact Analysis Methodology .....	1-25
1.10 Project Consistency with Applicable Plans .....	1-26
1.11 History of Cannabis Program Development .....	1-26
1.12 Projected Future Commercial Cannabis Uses Under the Cannabis Program ...	1-28
1.13 Cumulative Impact Analysis .....	1-28
1.14 Program EIR Organization .....	1-32
<b>2 SIGNIFICANT ENVIRONMENTAL EFFECTS OF THE PROPOSED PROJECT .....</b>	<b>2-1</b>
2.1 Approach to the Environmental Analysis .....	2-1
2.2 Aesthetics .....	2.2-1
2.3 Agricultural and Forest Resources .....	2.3-1
2.4 Air Quality .....	2.4-1
2.5 Biological Resources .....	2.5-1
2.6 Cultural and Paleontological Resources .....	2.6-1
2.7 Energy .....	2.7-1
2.8 Geology, Soils, and Mineral Resources .....	2.8-1
2.9 Greenhouse Gas Emissions and Climate Change .....	2.9-1
2.10 Hazards and Hazardous Materials .....	2.10-1
2.11 Hydrology and Water Quality .....	2.11-1
2.12 Land Use and Planning .....	2.12-1
2.13 Noise .....	2.13-1
2.14 Population and Housing .....	2.14-1
2.15 Public Services .....	2.15-1
2.16 Transportation .....	2.16-1
2.17 Tribal Cultural Resources .....	2.17-1
2.18 Utilities and Service Systems .....	2.18-1
2.19 Wildfire .....	2.19-1

<b>3</b>	<b>ENVIRONMENTAL EFFECTS FOUND NOT TO BE SIGNIFICANT</b>	<b>3-1</b>
<b>4</b>	<b>ALTERNATIVES</b>	<b>4-1</b>
4.1	Introduction	4-1
4.2	Rationale for Alternative Selection	4-2
4.3	Alternatives Considered but Not Evaluated Further	4-5
4.4	Analysis of the Alternatives	4-5
4.5	Environmentally Superior Alternative	4-12
<b>5</b>	<b>OTHER CEQA SECTIONS</b>	<b>5-1</b>
5.1	Growth Inducement	5-1
5.2	Significant and Unavoidable Adverse Impacts	5-3
5.3	Significant Irreversible Environmental Changes	5-4
<b>6</b>	<b>REFERENCES</b>	<b>6-1</b>
<b>7</b>	<b>REPORT PREPARERS</b>	<b>7-1</b>
7.1	County of San Diego Planning & Development Services (Lead Agency)	7-1
7.2	Harris & Associates	7-1
7.3	Ascent (CEQA Compliance)	7-1
7.4	Intersecting Metrics (Transportation)	7-1
<b>8</b>	<b>MITIGATION MEASURES</b>	<b>8-1</b>
8.1	List of Mitigation Measures	8-1
<b>9</b>	<b>COMMENT RESPONSES AND SUMMARY OF REVISIONS</b>	<b>9-1</b>
9.1	Comments on the Draft PEIR and Responses	9-1
9.2	Staff Initiated Text Changes to the Draft PEIR Outside of Comments Received	9-422

## APPENDICES

Appendix A	Notice of Preparation and Comments Received
Appendix B	Proposed Amendments to the San Diego County Zoning Ordinance and Code of Regulatory Ordinances for Cannabis Uses (October 2024 version)
Appendix C	Air Quality, Greenhouse Gas, and Energy Modeling
Appendix D	Noise Measurement Data and Noise Modeling Calculations
Appendix E	Letter A6 Attachments - Proposed Amendments to the San Diego County Zoning Ordinance and Code of Regulatory Ordinances for Cannabis Uses and Mitigation and Monitoring Reporting Plan
Appendix F	Letter I34 Attachment - Los Angeles Times Article
Appendix G	Letter PM 104 Attachment - Los Angeles Times Article

## FIGURES

Figure 1.1	Regional Location	1-41
Figure 1.2	Unincorporated Areas Where Commercial Cannabis Would Be Allowed....	1-43
Figure 2.2.1a	Representative Views from Public Vantage Points in San Diego County.	2.2-42
Figure 2.2.1b	Representative Views from Public Vantage Points in San Diego County.	2.2-43

Figure 2.2.1c	Representative Views from Public Vantage Points in San Diego County .	2.2-44
Figure 2.2.1d	Representative Views from Public Vantage Points in San Diego County .	2.2-45
Figure 2.2.1e	Representative Views from Public Vantage Points in San Diego County .	2.2-46
Figure 2.2.2	Community Planning Areas in San Diego County .....	2.2-47
Figure 2.2.3	State Scenic Highways and National Scenic Byways in San Diego County.....	2.2-49
Figure 2.2.4a	Views of Existing Commercial Cannabis Facilities in San Diego County .	2.2-51
Figure 2.2.4b	Views of Existing Commercial Cannabis Facilities in San Diego County .	2.2-52
Figure 2.2.4c	Views of Existing Commercial Cannabis Facilities in San Diego County .	2.2-53
Figure 2.2.5a	Representative Examples of Cannabis Cultivation Uses .....	2.2-54
Figure 2.2.5b	Representative Examples of Cannabis Cultivation Uses .....	2.2-55
Figure 2.2.5c	Representative Examples of Cannabis Cultivation Uses .....	2.2-56
Figure 2.2.5d	Representative Examples of Cannabis Cultivation Uses .....	2.2-57
Figure 2.2.5e	Representative Examples of Cannabis Cultivation Uses .....	2.2-58
Figure 2.2.5f	Representative Examples of Cannabis Cultivation Uses .....	2.2-59
Figure 2.2.5g	Representative Examples of Cannabis Cultivation Uses .....	2.2-60
Figure 2.2.5h	Representative Examples of Cannabis Cultivation Uses .....	2.2-61
Figure 2.2.6	Aerial View of Small Mixed-Light Commercial Cannabis Cultivation Site in Mendocino County .....	2.2-62
Figure 2.2.7	Aerial View of Outdoor Commercial Cannabis Cultivation Site in Mendocino County .....	2.2-63
Figure 2.3.1	Farmland Classification .....	2.3-19
Figure 2.5.1	Vegetation and Habitat Types in the Program Area .....	2.5-143
Figure 2.5.2	Vegetation Alliances in Western San Diego County.....	2.5-145
Figure 2.5.3	Aquatic Habitat in the Program Area .....	2.5-147
Figure 2.5.4	Designated Critical Habitat in San Diego County.....	2.5-149
Figure 2.5.5	California Essential Habitat Connectivity.....	2.5-151
Figure 2.5.6	Mountain Lion Habitat Connectivity.....	2.5-153
Figure 2.5.7	MSCP Plan Areas and Draft Plan Areas .....	2.5-155
Figure 2.8.1	Potential Expansive Soils in San Diego County .....	2.8-41
Figure 2.8.2	Areas Susceptible to Landslides in San Diego County .....	2.8-43
Figure 2.8.3	Mapped Faults in San Diego County.....	2.8-45
Figure 2.8.4	Potential Liquefaction Zones in San Diego County .....	2.8-47
Figure 2.8.5	Mineral Resource Zones in San Diego County .....	2.8-49
Figure 2.8.6	Mineral Resources in San Diego County .....	2.8-51
Figure 2.11.1	Groundwater Aquifer Type .....	2.11-63
Figure 2.11.2	2019 SGMA Basin Prioritization .....	2.11-65

Figure 2.11.3	San Diego County Watersheds .....	2.11-67
Figure 2.18.1	Water Service Districts .....	2.18-35
Figure 2.19.1	Fire Responsibility Area and Wildfire Hazard Severity Zones .....	2.19-43
Figure 5.1	Statewide Sales of Cannabis Products by Year .....	5-6
Figure 9-1	San Luis Rey River Points of Diversion.....	9-73

## TABLES

Table S.1	Summary of Impacts and Mitigation Measures .....	S-6
Table S.2	Summary of the Environmental Effects of the Alternatives Relative to Those of the Proposed Project.....	S-13
Table 1.1	Proposed Permit Type Required by Zone for Commercial Cannabis Uses...	1-34
Table 1.2	State Cannabis Operation License Types .....	1-34
Table 1.3	Required Project Approvals.....	1-36
Table 1.4	Alternative Development Assumptions.....	1-36
Table 1.5	In-Process Projects That Include General Plan Amendments .....	1-40
Table 2.2.1	Aesthetics Summary of Impacts.....	2.2-1
Table 2.3.1	Agricultural and Forest Resources Summary of Impacts .....	2.3-1
Table 2.3.2	Existing Extent of Crop Types in San Diego County .....	2.3-17
Table 2.3.3	Farmland Mapping and Monitoring Program Mapping Categories .....	2.3-17
Table 2.3.4	Important Farmland Acreages in San Diego County (2020).....	2.3-18
Table 2.4.1	Air Quality Summary of Impacts.....	2.4-1
Table 2.4.2	Ambient Air Quality Standards and Attainment Status for the San Diego Air Basin.....	2.4-34
Table 2.4.3	Sources and Health Effects of Criteria Air Pollutants .....	2.4-35
Table 2.4.4	Summary of Annual Ambient Air Quality Data in San Diego County (2021–2023).....	2.4-36
Table 2.4.5	Screening-Level Thresholds for Air Quality Impact Analysis.....	2.4-36
Table 2.4.6	Criteria Air Pollutant and Precursor Emissions Associated with Construction of Each New Individual Commercial Cannabis Cultivation Type and Noncultivation Site.....	2.4-37
Table 2.4.7	Criteria Air Pollutant and Precursor Emissions Associated with Operation of Each New Individual Commercial Cannabis Cultivation Type and Noncultivation Site.....	2.4-37
Table 2.4.8	Cumulative Criteria Air Pollutant and Precursor Emissions Associated with Construction of 12 New Licensed Commercial Cannabis Sites Simultaneously.....	2.4-37
Table 2.4.9	Cumulative Criteria Air Pollutant and Precursor Emissions Associated with Operation of New Commercial Cannabis Sites (Alternatives 2, 3, and 5) ....	2.4-38

Table 2.4.10	Cumulative Criteria Air Pollutant and Precursor Emissions Associated with Operation of New Commercial Cannabis Sites (Alternative 4).....	2.4-38
Table 2.5.1	Biological Resources Summary of Impacts.....	2.5-1
Table 2.5.2	Habitat and Land Cover Types in the Program Area.....	2.5-91
Table 2.5.3	Special-Status Plant Species Known to Occur in San Diego County .....	2.5-93
Table 2.5.4	Special-Status Wildlife Species Known to Occur in San Diego County..	2.5-119
Table 2.5.5	Legacy Sensitive Natural Communities Known to Occur in San Diego County .....	2.5-137
Table 2.5.6	Sensitive Natural Communities Known to Occur and with Potential to Occur in San Diego County.....	2.5-138
Table 2.5.7	Minimum Riparian Setbacks.....	2.5-141
Table 2.6.1	Cultural and Paleontological Resources Summary of Impacts.....	2.6-1
Table 2.6.2	Resources Previously Recorded in San Diego County .....	2.6-48
Table 2.7.1	Energy Summary of Impacts .....	2.7-1
Table 2.7.2	SDG&E and the State of California Power Mix in 2022.....	2.7-20
Table 2.7.3	SDCP and the State of California Power Mix in 2022 .....	2.7-21
Table 2.7.4	Energy Consumption Associated with Construction of Individual New Commercial Cannabis Cultivation Site Types and Noncultivation Sites ...	2.7-21
Table 2.7.5	Energy Consumption Associated with Operation of Individual New Commercial Cannabis Cultivation Site Types and Noncultivation Sites ...	2.7-21
Table 2.7.6	Cumulative Operational Energy Consumption Associated with Operation of New Commercial Cannabis Cultivation Site Types and Noncultivation Sites (Alternatives 2, 3, and 5).....	2.7-22
Table 2.7.7	Cumulative Operational Energy Consumption Associated with Operation of New Commercial Cannabis Cultivation Site Types and Noncultivation Sites (Alternative 4) .....	2.7-22
Table 2.7.8	Cumulative Construction Energy Consumption Associated with Construction of 12 New Commercial Cannabis Cultivation Site Types Simultaneously.....	2.7-22
Table 2.8.1	Geology, Soils, and Mineral Resources Summary of Impacts .....	2.8-1
Table 2.8.2	Active Faults in and Adjacent to San Diego County .....	2.8-36
Table 2.8.3	The Modified Mercalli Scale of Earthquake Intensities.....	2.8-37
Table 2.8.4	Unique Geologic Features in San Diego County.....	2.8-39
Table 2.9.1	Greenhouse Gas Emissions and Climate Change Summary of Impacts ...	2.9-1
Table 2.9.2	County Greenhouse Gas Emissions Inventory by Sector in 2019.....	2.9-20
Table 2.9.3	Greenhouse Gas Emissions Associated with Operation of Individual New Commercial Cannabis Cultivation Site Types and Noncultivation Sites .....	2.9-20
Table 2.10.1	Hazards and Hazardous Materials Summary of Impacts .....	2.10-1
Table 2.10.2	DTSC Hazardous Materials and Contamination Sites.....	2.10-42

Table 2.10.3	GeoTracker Database Hazardous Materials and Contamination Sites ..	2.10-43
Table 2.10.4	CDO and CAO Hazardous Materials and Contamination Sites.....	2.10-44
Table 2.11.1	Hydrology and Water Quality Summary of Impacts.....	2.11-1
Table 2.11.2	Impaired Waterbodies in San Diego County .....	2.11-56
Table 2.11.3	Technical Report Requirements by Tier.....	2.11-59
Table 2.11.4	Facility Status.....	2.11-60
Table 2.11.5	Site Maintenance Status .....	2.11-60
Table 2.11.6	Stormwater Runoff Monitoring.....	2.11-61
Table 2.11.7	Estimated Project Irrigation Water Demand for Future New Commercial Cannabis Cultivation, Processing, and Distribution Uses...	2.11-61
Table 2.12.1	Land Use and Planning Summary of Impacts .....	2.12-1
Table 2.13.1	Noise Summary of Impacts .....	2.13-1
Table 2.13.2	Typical A-Weighted Noise Levels.....	2.13-47
Table 2.13.3	Human Response to Different Levels of Ground Noise and Vibration....	2.13-47
Table 2.13.4	FTA Construction Damage Vibration Criteria .....	2.13-47
Table 2.13.5	Caltrans Recommendations Regarding Levels of Exposure .....	2.13-47
Table 2.13.6	County of San Diego Noise Compatibility Guidelines.....	2.13-48
Table 2.13.7	County of San Diego Noise Standards.....	2.13-49
Table 2.13.8	San Diego County Noise Abatement and Control Ordinance Exterior Noise Standards.....	2.13-50
Table 2.13.9	Noise Emission Levels from Construction Equipment.....	2.13-51
Table 2.13.10	Vibration Reference Levels for Construction Equipment.....	2.13-51
Table 2.13.11	Typical Noise Source Levels for Special Events (A-Weighted L <sub>50</sub> Levels) .....	2.13-51
Table 2.13.12	Groundborne Vibration and Noise Standards(1) .....	2.13-52
Table 2.13.13	Modeled Average Daily Traffic .....	2.13-53
Table 2.14.1	Population and Housing Summary of Impacts .....	2.14-1
Table 2.14.2	Existing and Projected Population.....	2.14-11
Table 2.14.3	Employment by Industry in San Diego County (2023).....	2.14-11
Table 2.14.4	Existing and Projected Housing Units .....	2.14-12
Table 2.15.1	Public Services Summary of Impacts.....	2.15-1
Table 2.16.1	Transportation Summary of Impacts .....	2.16-1
Table 2.16.2	Project VMT Screening Criteria Summary .....	2.16-28
Table 2.17.1	Tribal Cultural Resources Summary of Impacts .....	2.17-1
Table 2.18.1	Utilities and Service Systems Summary of Impacts .....	2.18-1
Table 2.18.2	Wastewater Treatment Plants in San Diego County .....	2.18-34
Table 2.18.3	Active Solid Waste Facilities in San Diego County.....	2.18-34

---

Table 2.18.4	Estimated Project Irrigation Water Demand for Future New Commercial Cannabis Cultivation, Processing, and Distribution Uses.....	2.18-34
Table 2.19.1	Wildfire Summary of Impacts .....	2.19-1
Table 2.19.2	Wildfire Risk in the Unincorporated County.....	2.19-40
Table 2.19.3	Major Wildfires in San Diego County 2003–2024.....	2.19-40
Table 2.19.4	Causes of Fire in San Diego County and the State within the SRA (2019–2023).....	2.19-41
Table 2.19.5	Fire Hazard Severity Zone Area within the Program Area .....	2.19-41
Table 4.1	Summary of the Environmental Effects of the Alternatives Relative to Those of the Proposed Project.....	4-13
Table 5.1	Statewide Cannabis Harvest, Packaging, and Sales 2020–2023.....	5-6
Table 9.1	List of Commenters .....	9-1

# LIST OF ABBREVIATIONS

°F	degrees Fahrenheit
2020 Strategic Plan	County's 2020–2030 County Operations Strategic Sustainability Plan
2021 Regional Plan	<i>San Diego Forward: The Regional Plan</i>
2022 SIP	2022 State SIP Strategy
AB	Assembly Bill
ACM	asbestos containing material
ADT	average daily traffic
af	acre-feet
AFV	alternative fuel vehicles
AFY	acre-feet per year
AIA	Airport Influence Area
AICUZ	Air Installation Compatible Use Zone
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plans
amsl	above mean sea level
ASD	Alpine Sanitation District
ASTREA	Air Support to Regional Enforcement Agencies
ATP	County of San Diego Active Transportation Plan
AUMA	Adult Use of Marijuana Act
BERD	Build Environment Resources Directory
BIOS	Biogeographic Information and Observation System
BLM	US Bureau of Land Management
BMO	Biological Mitigation Ordinance
BMP	best management practice
Board	San Diego County Board of Supervisors
Borrego Basin	Borrego Valley Groundwater Basin
BOS	Board of Supervisors
BPTC	best practical treatment or control
BWD	Borrego Water District
CA MUTCD	California Manual on Uniform Traffic Control Devices
CA SDWA	California Safe Drinking Water Act
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAL FIRE	California Department of Forestry and Fire Protection
Cal/OSHA	California Occupational Safety and Health Administration

---

CalARP	California Accidental Release Prevention
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen Code	California Green Building Standards Code
CALGreen	State Building Energy Efficiency Standards
CalIPC	California Invasive Plant Council
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
Cannabis Program	Socially Equitable Cannabis Program
Cannabis SIUR	Cannabis Small Irrigation Use Registration
CAP Checklist	2024 Climate Action Plan Consistency Review Checklist
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Code
CCA	Community Choice Aggregation
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDC	Center for Disease Control
CDFW	California Department of Fish and Wildlife
CDPR	California Department of Pesticide Regulation
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHHSL	Human Health Screening Levels
CHR	Colorado Hydrologic Region
CHRIS	California Historical Resources Information System
CHSC	California Health and Safety Code
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CP	countywide policies
CPA	Community Plan Area
CRHR	California Register of Historic Resources
CRPR	California Rare Plant Rank
CSA	County Service Area

---

CSD	Pauma Valley Community Services District
CTMP	Community Trails Master Plan
CTP	County of San Diego Trails Program
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
CWSMD	Campo Water and Sewer Maintenance District
dB	decibels
dBA	A-weighting decibel scale
DCC	California Department of Cannabis Control
DEHQ	Department of Environmental Health and Quality
DHS	California Department of Health Services
diesel PM	diesel particular matter
District	San Diego County Sanitation District
DOC	California Department of Conservation
DOD	US Department of Defense
DOF	California Department of Finance
DPLU	Department of Planning and Land Use
DPR	Department of Parks and Recreation
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
ECA	Essential Connectivity Area
EDD	California Employment Development Department
EIR	Environmental Impact Report
Emergency Plan	State of California Emergency Plan
EMS	emergency medical service
EO	Executive Order
EOMSMD	East Otay Mesa Sewer Maintenance District
EPA	US Environmental Protection Agency
EPAct	Energy Policy Act of 1992
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ESA	Endangered Species Act
EV	electric vehicles
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FHSZ	fire hazard severity zone
FIRM	Federal Insurance Rate Map
FMCSA 2020	Federal Motor Carrier Safety Administration

---

FMMP	Farmland Mapping and Monitoring Program
FPA	Z'berg-Nejedly Forest Practice Act of 1973
FPD	Fire Protection District
FPP	Fire Protection Plan
FRA	federal responsibility areas
FRAP	Fire and Resource Assessment Program
FSC	Fire Safe Council
FTA	Federal Transit Administration
FUDS	Formerly Used Defense Sites
General Plan	The County of San Diego General Plan
GHG	greenhouse gas
GMP	groundwater management plan
GPA	General Plan Amendment
GPU Draft EIR	General Plan Update Draft EIR
GPU PEIR	2011 General Plan Update Program EIR
GSA	groundwater sustainability agency
GSP	groundwater sustainability plan
H&SC	Health and Safety Code
HA	hydrologic area
HAM	Hazardous Agricultural Materials
HAP	hazardous air pollutant
HCD	California Department of Housing and Community Development
HCP	Habitat Conservation Plan
HIRT	Hazardous Incident Response Team
HLP	Habitat Loss Permit
HM	hazardous materials
HMBP	Hazardous Materials Business Plan
HMD	Hazardous Materials Division
HMIS	hazardous materials inventory statement
HMMP	hazardous material management plan
hp	horsepower
HR	Hydrologic Region
HU	hydrologic units
HVAC	heating, ventilation, and air conditioning
Hz	hertz
I-5	Interstate 5
IA	Implementing Agreement
IEPR	Integrated Energy Policy Report

---

IRWM	Integrated Regional Water Management
ITE's	the Institute Transportation of Engineers'
IWMP	Integrated Waste Management Plan
JPA	Joint Powers Authority
JRMP	Jurisdictional Runoff Management Program
JSD	Julian Sanitation District
kBTU	kilowatt-hours of electricity, British Thermal Units
LBP	lead based paint
LCFS	Low Carbon Fuel Standard
L <sub>dn</sub>	Day-Night Level
LEA	Local Enforcement Agency
L <sub>eq</sub>	Equivalent Continuous Sound Level
L <sub>max</sub>	Maximum Sound Level
LOS	level of service
LRA	Local Responsibility Area
LSA Agreement	Lake and Streambed Alteration Agreement
LSD	Lakeside Sanitation District
LTO	Licensed Timber Operator
LUFT	leaking underground fuel tanks
maf	million acre-feet
MAUCRSA	Medicinal and Adult-Use Cannabis Regulation and Safety Act
MBTA	Migratory Bird Treaty Act
MCAS	Marine Corps Air Station
MCL	maximum contaminant levels
MCRSA	Medical Cannabis Regulation and Safety Act
MCV	Manual of California Vegetation
Metro	Metropolitan Wastewater System
mgd	million gallons per day
MLD	most likely descendant
mm/yr	millimeters per year
MMRP	mitigation monitoring and reporting program
MMTCO <sub>2e</sub>	million metric tons of carbon dioxide-equivalent
mPa	micro-Pascals
MPO	metropolitan planning organization
MRZ	Mineral Resource Zones
MS4	Municipal Separate Storm Sewer Systems
MSCP	Multiple Species Conservation Program

---

MTS	Metropolitan Transit System
MUP	Major Use Permit
MWD	Metropolitan Water District
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCTD	North County Transit District
NEHRP	National Earthquake Hazards Reduction Program
NFIP	National Flood Insurance Program
NHTSA	National Highway Transportation Safety Administration
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOP	notice of preparation
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollution Discharge Elimination System
NPPA	Native Plant Protection Act
NPS	National Park Services
NRHP	National Register of Historic Places
NVCS	National Vegetation Classification System
OAEP	Operational Area Emergency Plan
OAL	Office of Administrative Law
OAV	odor activity value
OEHHA	Office of Environmental Health Hazard Assessment
OES	County of San Diego Office of Emergency Services
OSHA	Occupational Safety and Health Administration
OWTS	onsite wastewater treatment systems
PAMA	Preapproved Mitigation Area
Pauma MWD	Pauma Municipal Water District
P-C	Production-Consumption
PDS	Planning & Development Services
PEIR	program environmental impact report
PM <sub>10</sub>	respirable particulate matter that have an aerodynamic diameter of 10 micrometers or less
PM <sub>2.5</sub>	fine particulate matter that have an aerodynamic diameter of 2.5 micrometers or less
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1970
PPV	Peak Particle Velocity
PRC	Public Resources Code
PRG	Preliminary Remediation Goal
PRP	Pesticide Regulation Program

---

PUD	City of San Diego's Public Utilities Department
PV	photovoltaic
PVSD	Pine Valley Sanitation District
RAQS	regional air quality strategy
RCA	Resource Conservation Area
RCRA	Resource Conservation and Recovery Act
Regulator Code	San Diego County Code of Regulatory Ordinances
RHNA	Regional Housing Needs Assessment
RMP	Risk Management Plan
RMS	root-mean-square
RPO	Resource Protection Ordinance
RTIP	Regional Transportation Improvement Program
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	regional water quality control board
SAM	Site Assessment and Mitigation
SANDAG	San Diego Association of Governments
SB	Senate Bill
SBAB	San Diego Air Basin
SCIC	South Coastal Information Center
SCS	Sustainable Communities Strategy
SDAPCD	San Diego Air Pollution Control District
SDCP	San Diego Community Power
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
SDMMP	San Diego Management and Monitoring Program
SDTC	San Diego Transit Corporation
SEMS	Standard Emergency Management System
sf	square feet
SFHAs	Special Flood Hazard Areas
SGMA	Sustainable Groundwater Management Act
SGMP	Sustainable Groundwater Management Plan
SIP	state implementation plan
SIUR	Small Irrigation Use Registration
SLRMWD	San Luis Rey Municipal Water District
SMARA	Surface Mining and Reclamation Act
SO <sub>2</sub>	sulfur dioxide
SoCalGas	Southern California Gas Company

---

Social Equity Program	Social Equity Program
South County Plan	County Subarea Plan
SPCC	Spill Prevention, Control, and Countermeasure
SPL	sound pressure level
SR	State Route
SRA	state responsibility area
SSMP	Sewer System Management Plan
State CEQA Guidelines	California Environmental Quality Act Guidelines
State Water Board	State Water Resources Control Board
SVSD	Spring Valley Sanitation District
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
SWRP	Stormwater Resource Plan
TAC	toxic air contaminant
TDM	Transportation Demand Management
THP	timber harvest plan
TM	Tentative Map
TMDL	total maximum daily load
TPMs	Tentative Parcel Maps
TPZ	timberland production zone
TRI	Toxic Release Inventory
TSDF	Treatment, Storage and Disposal Facilities
UDC	Unified Disaster Council
URM	unreinforced masonry buildings
US	United States
USACE	US Army Corps of Engineers
USC	US Code
USFS	US Forest Service
USFWS	US Fish and Wildlife Service
USGS	US Geological Survey
USLR	Upper San Luis Rey
USLRRCD	Upper San Luis Rey Resource Conservation District
USMC	United States Marine Corps
UST	underground storage tank
UWMP	Urban Water Management Plan
UWMPA	Urban Water Management Planning Act
VAP	Voluntary Assistance Program
VdB	vibration decibels
VegCAMP	Vegetation Classification and Mapping Program

VMT	vehicle miles traveled
VOC	volatile organic compound
WDR	waste discharge requirement
WGSMD	Winter Gardens Sewer Maintenance District
Williamson Act	California Land Conservation Act of 1965
WMA	Watershed Management Area
WPO	Watershed Protection, Stormwater Management, and Discharge Control Ordinance
WUI	wildland-urban interface
WWTP	Wastewater Treatment Plant
YMWD	Yuima Municipal Water District
ZEV	zero-emission vehicle
Zoning Ordinance	San Diego County Zoning Ordinance