Contents

Executive Summary **ES-1**
Introduction ES-1
Project Description ES-1
Overview ES-1
Project Location ES-2
Project Objectives ES-2
Areas of Known Controversy/Issues Raised by Agencies and the Public ES-3
Issues to be Resolved ES-3
Summary of Project Impacts ES-3
Summary of Project Alternatives ES-4
Environmentally Superior Alternative ES-5
Chapter 1 Introduction **1-1**
1.1 Overview 1-1
1.2 Purpose of the California Environmental Quality Act and the Environmental Impact Report 1-2
1.3 Intended Uses of the Environmental Impact Report 1-2
1.3.1 Agencies Expected to Use this Final Environmental Impact Report 1-2
1.4 Scope and Content of the Final Environmental Impact Report 1-3
1.4.1 Comments Received in Response to the Notice of Preparation 1-4
1.5 Organization of the Final EIR 1-14
Chapter 2 Environmental Setting **2-1**
2.1 Introduction 2-1
2.2 Project Location and Setting 2-1
2.3 Surrounding Conditions 2-1
2.4 Existing Site Conditions 2-1
2.5 Existing Operational Conditions 2-2
Chapter 3 Project Description **3-1**
3.1 Introduction 3-1
3.2 Project Objectives 3-1
3.3 Project Components and Features 3-2
3.3.1 Active Park 3-2
3.3.2 Trails 3-9
3.3.3 Open Space 3-9
3.4 Project Construction 3-10

3.5 Project Operation 3-10

Chapter 4 Environmental Analysis 4-1

Introduction 4-1

Potential Environmental Impacts 4-1

Format of the Environmental Analysis 4-2

4.1 Aesthetics and Visual Resources 4.1-1

4.1.1 Overview 4.1-1

4.1.2 Existing Conditions 4.1-2

4.1.3 Applicable Laws and Regulations 4.1-6

4.1.4 Project Impact Analysis 4.1-9

4.1.5 Summary of Significant Impacts 4.1-23

4.2 Agriculture and Forestry Resources 4.2-1

4.2.1 Overview 4.2-1

4.2.2 Existing Conditions 4.2-1

4.2.3 Applicable Laws and Regulations 4.2-7

4.2.4 Project Impact Analysis 4.2-10

4.2.5 Summary of Significant Impacts 4.2-17

4.3 Air Quality 4.3-1

4.3.1 Overview 4.3-1

4.3.2 Existing Conditions 4.3-1

4.3.3 Applicable Laws and Regulations 4.3-8

4.3.4 Project Impact Analysis 4.3-15

4.3.5 Summary of Significant Impacts 4.3-26

4.4 Biological Resources 4.4-1

4.4.1 Overview 4.4-1

4.4.2 Existing Conditions 4.4-1

4.4.3 Applicable Laws and Regulations 4.4-12

4.4.4 Project Impact Analysis 4.4-17

4.4.5 Summary of Significant Impacts 4.4-64

4.5 Cultural Resources 4.5-1

4.5.1 Overview 4.5-1

4.5.2 Existing Conditions 4.5-1

4.5.3 Applicable Laws and Regulations 4.5-7

4.5.4 Project Impact Analysis 4.5-9

4.5.5 Summary of Significant Impacts 4.5-21

4.6 Energy 4.6-1

4.6.1 Overview 4.6-1

4.6.2 Existing Conditions....4.6-1
4.6.3 Applicable Laws and Regulations....4.6-3
4.6.4 Project Impact Analysis....4.6-9
4.6.5 Summary of Significant Impacts....4.6-17
4.7 Geology and Soils....4.7-1
4.7.1 Overview....4.7-1
4.7.2 Existing Conditions....4.7-1
4.7.3 Applicable Laws and Regulations....4.7-5
4.7.4 Project Impact Analysis....4.7-9
4.7.5 Summary of Significant Impacts....4.7-23
4.8 Greenhouse Gas Emissions and Climate Change....4.8-1
4.8.1 Overview....4.8-1
4.8.2 Existing Conditions....4.8-1
4.8.3 Applicable Laws and Regulations....4.8-4
4.8.4 Project Impact Analysis....4.8-13
4.8.5 Summary of Significant Impacts....4.8-22
4.9 Hazards and Hazardous Materials....4.9-1
4.9.1 Overview....4.9-1
4.9.2 Existing Conditions....4.9-1
4.9.3 Applicable Laws and Regulations....4.9-4
4.9.4 Project Impact Analysis....4.9-13
4.9.5 Summary of Significant Impacts....4.9-36
4.10 Hydrology and Water Quality....4.10-1
4.10.1 Overview....4.10-1
4.10.2 Existing Conditions....4.10-1
4.10.3 Applicable Laws and Regulations....4.10-7
4.10.4 Project Impact Analysis....4.10-16
4.10.5 Summary of Significant Impacts....4.10-26
4.11 Land Use and Planning....4.11-1
4.11.1 Overview....4.11-1
4.11.2 Existing Conditions....4.11-1
4.11.3 Applicable Laws and Regulations....4.11-4
4.11.4 Project Impact Analysis....4.11-6
4.11.5 Summary of Significant Impacts....4.11-18
4.12 Mineral Resources....4.12-1
4.12.1 Overview....4.12-1
4.12.2 Existing Conditions....4.12-1

4.12.3 Applicable Laws and Regulations....4.12-2
4.12.4 Project Impact Analysis....4.12-4
4.12.5 Summary of Significant Impacts....4.12-7
4.13 Noise and Vibration....4.13-1
4.13.1 Overview....4.13-1
4.13.2 Existing Conditions....4.13-6
4.13.3 Applicable Laws and Regulations....4.13-9
4.13.4 Project Impact Analysis....4.13-12
4.13.5 Summary of Significant Impacts....4.13-26
4.14 Population and Housing....4.14-1
4.14.1 Overview....4.14-1
4.14.2 Existing Conditions....4.14-1
4.14.3 Applicable Laws and Regulations....4.14-1
4.14.4 Project Impact Analysis....4.14-3
4.14.5 Summary of Significant Impacts....4.14-6
4.15 Public Services....4.15-1
4.15.1 Overview....4.15-1
4.15.2 Existing Conditions....4.15-1
4.15.3 Applicable Laws and Regulations....4.15-5
4.15.4 Project Impact Analysis....4.15-7
4.15.5 Summary of Significant Impacts....4.15-12
4.16 Recreation....4.16-1
4.16.1 Overview....4.16-1
4.16.2 Existing Conditions....4.16-1
4.16.3 Applicable Laws and Regulations....4.16-5
4.16.4 Project Impact Analysis....4.16-6
4.16.5 Summary of Significant Impacts....4.16-10
4.17 Transportation and Circulation....4.17-1
4.17.1 Overview....4.17-1
4.17.2 Existing Conditions....4.17-1
4.17.3 Applicable Laws and Regulations....4.17-2
4.17.4 Project Impact Analysis....4.17-7
4.17.5 Summary of Significant Impacts....4.17-19
4.18 Tribal Cultural Resources....4.18-1
4.18.1 Overview....4.18-1
4.18.2 Existing Conditions....4.18-1
4.18.3 Applicable Laws and Regulations....4.18-1

4.18.4 Project Impact Analysis....4.18-2
4.18.5 Summary of Significant Impacts....4.18-6
4.19 Utilities and Service Systems....4.19-1
4.19.1 Overview....4.19-1
4.19.2 Existing Conditions....4.19-1
4.19.3 Applicable Laws and Regulations....4.19-5
4.19.4 Project Impact Analysis....4.19-11
4.19.5 Summary of Significant Impacts....4.19-23
4.20 Wildfire....4.20-1
4.20.1 Overview....4.20-1
4.20.2 Existing Conditions....4.20-1
4.20.3 Fire Hazard Designations....4.20-5
4.20.4 Wildfire Hazards....4.20-10
4.20.5 Applicable Laws and Regulations....4.20-12
4.20.6 Project Impact Analysis....4.20-26
4.20.7 Summary of Significant Impacts....4.20-42
Chapter 5 Cumulative Impacts....5-1
5.1 Overview....5-1
5.2 Cumulative Methodology....5-2
5.2.1 Cumulative Project Lists....5-2
5.3 Cumulative Impact Analysis....5-3
5.3.1 Aesthetics and Visual Resources....5-3
5.3.2 Agriculture and Forestry Resources....5-5
5.3.3 Air Quality....5-6
5.3.4 Biological Resources....5-8
5.3.5 Cultural Resources....5-15
5.3.6 Energy....5-16
5.3.7 Geology and Soils....5-17
5.3.8 Greenhouse Gas Emissions and Climate Change....5-19
5.3.9 Hazards and Hazardous Materials....5-20
5.3.10 Hydrology and Water Quality....5-21
5.3.11 Land Use and Planning....5-24
5.3.12 Mineral Resources....5-24
5.3.13 Noise and Vibration....5-26
5.3.14 Population and Housing....5-27
5.3.15 Public Services....5-28
5.3.16 Recreation....5-29

5.3.17 Transportation and Traffic 5-30
5.3.18 Tribal Cultural Resources 5-33
5.3.19 Utilities and Service Systems 5-34
5.3.20 Wildfire 5-37

Chapter 6 Alternatives 6-1
6.1 Overview 6-1
6.2 Requirements for Alternatives Analysis 6-1
6.3 Selection of Alternatives 6-2
6.4 Alternatives Considered 6-4
6.4.1 Alternatives Considered But Rejected 6-5
6.4.2 Alternatives Selected for Analysis 6-5
6.5 Analysis of Alternatives 6-16
6.5.1 Analysis of Alternative 1 – No Project Alternative 6-16
6.5.2 Analysis of Alternative 2 – Sports Complex Alternative 6-24
6.5.3 Analysis of Alternative 3 – Reconfigured Project Alternative 6-32
6.5.4 Analysis of Alternative 4 – Reduced Project Alternative 6-41
6.5.5 Analysis of Alternative 5 – Passive Park Alternative 6-49
6.5.6 Environmentally Superior Alternative 6-57

Chapter 7 Other CEQA Considerations 7-1
7.1 Introduction 7-1
7.2 Significant Irreversible Environmental Changes 7-1
7.3 Growth-Inducing Impacts 7-2
7.3.1 Foster Economic Growth 7-2
7.3.2 Foster Population Growth 7-3
7.3.3 Construction of Additional Housing 7-3
7.3.4 Removal of Obstacles to Population Growth 7-3
7.3.5 Summary of Growth-Inducing Impacts 7-4
7.4 Effects Not Found to Be Significant 7-4

Chapter 8 List of Preparers and Agencies Consulted 8-1
8.1 Lead Agency–County of San Diego Department of Parks and Recreation 8-1
8.2 EIR Preparation–ICF 8-1
8.3 2026 EIR Preparation–HELIX Environmental Planning 8-2
8.4 MW Peltz and Associates, Inc. 8-2
8.5 Chen Ryan 8-2
8.6 Advance Sim, Inc. 8-2
8.7 SD Architects 8-2

8.8 Dudek 8-3
Chapter 9 References Cited 9-1
9.1 Chapter 1, Introduction 9-1
9.2 Chapter 2, Environmental Setting 9-1
9.3 Chapter 3, Project Description 9-1
9.4 Chapter 4, Environmental Analysis 9-1
9.4.1 Section 4.1, Aesthetics 9-1
9.4.2 Section 4.2, Agriculture 9-1
9.4.3 Section 4.3, Air Quality 9-2
9.4.4 Section 4.4, Biological Resources 9-5
9.4.5 Section 4.5, Cultural Resources 9-6
9.4.6 Section 4.6, Energy 9-9
9.4.7 Section 4.7, Geology and Soils 9-10
9.4.8 Section 4.8, Greenhouse Gases 9-11
9.4.9 Section 4.9, Hazards and Hazardous Materials 9-13
9.4.10 Section 4.10, Hydrology and Water Quality 9-13
9.4.11 Section 4.11, Land Use and Planning 9-14
9.4.12 Section 4.12, Mineral Resources 9-15
9.4.13 Section 4.13, Noise and Vibration 9-15
9.4.14 Section 4.14, Population and Housing 9-16
9.4.15 Section 4.15, Public Services 9-16
9.4.16 Section 4.16, Recreation 9-16
9.4.17 Section 4.17, Transportation 9-17
9.4.18 Section 4.18, Tribal Cultural Resources 9-17
9.4.19 Section 4.19, Utilities 9-17
9.4.20 Section 4.20, Wildfire 9-18
9.1 Chapter 5, Cumulative Impacts 9-20
9.2 Chapter 6, Alternatives 9-21
9.3 Chapter 7, Additional Consequences of Project Implementation 9-21
9.4 Chapter 8, List of Preparers and Agencies Consulted 9-21
Attachment 1 Mitigation Monitoring and Reporting Program 1
Purpose 1
Format 1
Mitigation Language and Numbering 2
Mitigation Timing 2
Methods for Monitoring and Reporting 2
Responsible Parties 2

Tables

Table		Page
ES-1	Project Impacts and Mitigation Measures	ES-7
1-1	List of Required Discretionary Actions and Permits	1-3
1-2	Summary of NOP Comments Received	1-4
1-3	Document Organization and CEQA Requirements	1-14
4.1-1	Summary of Significant Aesthetics and Visual Resources Impacts and Mitigation Measures	4.1-23
4.2-1	Farmland Mapping and Monitoring (FMMP) Farmland Categories	4.2-1
4.2-2	County Agricultural Resource Categories	4.2-5
4.3-1	Federal and State Attainment Status for San Diego County	4.3-6
4.3-2	Ambient Air Quality Data for the Project Area (2017–2019)	4.3-7
4.3-3	Federal and State Ambient Air Quality Standards	4.3-8
4.3-4	County of San Diego Screening-Level Thresholds	4.3-19
4.3-5	Estimated Maximum Daily Construction Emissions	4.3-22
4.3-6	Estimated Maximum Daily Operational	4.3-23
4.3-7	Summary of Significant Air Quality Impacts and Mitigation Measures	4.3-26
4.4-1	Vegetation Communities Occurring Within the BSA	4.4-5
4.4-2	Summary of Project Components and Associated Impacts	4.4-19
4.4-3	Avian Species Impacts and Availability of Habitat in Immediate Vicinity	4.4-29
4.4-4	Maximum Project Impacts on Vegetation Communities and Land Cover	4.4-56
4.4-5	Maximum Mitigation Requirements	4.4-58
4.4-6	Summary of Significant Biological Resources Impacts and Mitigation Measures	4.4-64
4.5-1	Summary of Significant Cultural Resources Impacts and Mitigation Measures	4.5-21
4.6-1	SDG&E and the State of California Power Mix in 2019	4.6-2
4.6-2	Electricity and Natural Consumption in the SDG&E Service Area in 2019	4.6-3
4.6-3	Project and San Diego County Energy Consumption During Construction	4.6-12
4.6-4	Estimated San Diego County Energy Consumption During Operation	4.6-13

4.6-5 Project Consistency with State and Local Energy Plans and Regulations 4.6-15
4.7-1 Summary of Significant Geology and Soils Impacts and Mitigation Measures 4.7-23
4.8-1 Lifetimes and Global Warming Potentials of Key Greenhouse Gases 4.8-2
4.8-2 Global, National, State, and Regional Greenhouse Gas Emission Inventories 4.8-3
4.8-3 Estimated Short-term Construction GHG Emissions 4.8-18
4.8-4 Annual Operational GHG Emissions 4.8-18
4.8-5 Summary of Significant Greenhouse Gas Emissions and Climate Change Impacts and Mitigation Measures 4.8-22
4.9-1 Summary of Significant Hazards and Hazardous Materials Impacts and Mitigation Measures 4.9-36
4.10-1 Impaired Water Bodies Within the Project Area 4.10-4
4.10-2 Water Quality Constituents 4.10-11
4.10-3 Surface Water Quality Objectives 4.10-11
4.11-1 Project Consistency with Relevant Goals, Policies, and Recommendations. 4.11-9
4.13-1 Typical Noise Levels in the Environment 4.13-3
4.13-2 Measured Existing Noise Levels in the Study Area 4.13-7
4.13-3 San Diego County Code Section 36.404 Noise Limits 4.13-10
4.13-4 FTA Guideline Vibration Damage Criteria 4.13-11
4.13-5 FTA Guideline Vibration Annoyance Criteria 4.13-11
4.13-6 Measured Noise Levels at Soccer Fields 4.13-14
4.13-7 Measured Noise Levels at Skate Parks 4.13-14
4.13-8 Construction Equipment and Noise at 50 Feet 4.13-16
4-13.9 Predicted Construction Noise (Park) at the Closest Noise-Sensitive Land Uses 4.13-17
4.13-10 Predicted Construction Noise (Sewer Extension) at the Closest Noise-Sensitive Land Uses 4.13-18
4.13-11 Estimated Traffic Noise Levels 4.13-19
4.13-12 Predicted Operational Noise Levels at the Closest Noise-Sensitive Land Use 4.13-20
4.13-13 Summary of Significant Noise Resource Impacts and Mitigation Measures 4.13-26
4.14-1 Existing and Projected Population in Unincorporated San Diego County 4.14-1

4.15-1 Fire Protection Facilities in the Project Vicinity 4.15-2
4.15-2 Travel Time Standards for Fire Protection 4.15-3
4.15-3 Parks and Recreational Facilities in the Project Vicinity 4.15-4
4.16-1 Parks and Recreational Facilities within the Project Area 4.16-2
4.17-1 Level of Service Definitions 4.17-9
4.18-1 Summary of Significant Tribal Cultural Resources Impacts and Mitigation Measures 4.18-6
4.19-1 Normal, Single-Year Dry, and Multiple-Year Dry Water Supply and Demand (2020–2040) (acre-feet per year) 4.19-2
4.19-2 Active San Diego County Municipal Solid Waste Landfills 4.19-4
4.19-3 Electricity and Natural Gas Consumption in the SDG&E Service Area in 2019 ..... 4.19-5
4.19-4 Projected Wastewater Demand for the Project 4.19-12
4.19-5 Projected Water Demand for the Project 4.19-12
4.19-6 Projected Daily Solid Waste for the Project 4.19-13
4.19-7 Summary of Significant Utilities and Service Systems Impacts and Mitigation Measures 4.19-23
5-1 Present and Reasonably Foreseeable Cumulative Projects 5-2
6-1 Summary of Significant Effects of the Project 6-3
6-2 Summary of Alternative Park Acreages 6-5
6-3 Summary Impact Comparison of Project Alternatives 6-57

Figures

Figure		Page
2-1	Project Location	2-3
3-1	Proposed Project	3-3
3-2	Proposed Active Park Concept Plan	3-5
3-3	Alpine Park Phasing Map	3-12
4.1-1	Resource Conservation Areas	4.1-4
4.1-2	Visual Simulation View Point Location Map	4.1-15
4.1-3	Visual Simulation View Point No. 1	4.1-16
4.1-4	Visual Simulation View Point No. 2	4.1-17
4.1-5	Visual Simulation View Point No. 3	4.1-18
4.1-6	Visual Simulation View Point No. 4	4.1-19
4.2-1	FMMP Categories	4.2-3
4.2-2	County Identified Agricultural Lands	4.2-4
4.4-1	Vegetation Communities	4.4-4
4.4-2	Special-Status Plants	4.4-8
4.4-3	Special-Status Wildlife	4.4-11
4.4-4	Western Spadefoot	4.4-31
4.4-5	Special-Status Bats	4.4-34
4.4-6	Engelmann Oak Root Protection Zone Impacts	4.4-44
4.10-1	Surface Water	4.10-2
4.10-2	FEMA Floodplains	4.10-6
4.11-1	County Land Use Designations	4.11-2
4.11-2	County Zoning	4.11-3
4.13-1	Short and Long-Term Measurement Locations	4.13-8
4.13-2	Operation Noise Contours	4.13-21
4.16-1	Existing Parks	4.16-3
4.20-1	Fire Severity	4.20-9

4.20-2 Wildfire Fuel Reductions....4.20-16
6-1 Alternative 2: Sports Complex Alternative....6-9
6-2 Alternative 3: Reconfigured Project Alternative....6-11
6-3 Alternative 4: Reduced Project Alternative....6-13
6-4 Alternative 5: Passive Park Alternative....6-15

Acronyms and Abbreviations

Acronym	Definition
°C	Celsius
µPa	microPascals
2018 Plan	2018 Strategic Fire Plan for California
2050 RTP	2050 Regional Transportation Plan
AB	Assembly Bill
ACM	asbestos containing materials
ACP	Alpine Community Plan
ADA	Americans with Disabilities Act
ADT	average daily traffic
AFPD	Alpine Fire Protection District
AGR	Agricultural Supply
APM	Applicant Proposed Measure
APNs	Assessor's Parcel Numbers
APSA	Aboveground Petroleum Storage Act
AQIA	Air Quality Impact Analysis
ARB	California Air Resources Board
ASCE	American Society of Civil Engineers
ATCM	Air Toxic Control Measure
ATP	Active Transportation Plan
Attainment Plan	Plan for Attaining the National Ozone Standards
AUSD	Alpine Union School District
Basin Plans	water quality control plans
BCLT	Back Country Land Trust
BMO	Biological Mitigation Ordinance
BMP	best management practice
BOS	Board of Supervisors
BP	before present
BRCA	Biological Resource Core Area
BRR	Biological Resources Report
BSA	Biological Survey Area
BSFC	Brake specific fuel consumption
BTU	British thermal unit
ca	circa
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAGN	coastal California gnatcatcher
CAL FIRE	California Department of Forestry and Fire Protection

Acronym	Definition
Cal/OSHA	California Division of Occupational Safety and Health
CalARP	California Accidental Release Prevention
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	Green Building Standards Code
CalRecycle	California Department of Resource Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Code
CCR	California Code of Regulations
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
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH_4	methane
Characterization Report	Site Contamination Characterization Report
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
COLD	Cold Freshwater Habitat
Contract	Williamson Act Contract
County	County of San Diego
County Fire Code	County of San Diego Code of Regulatory Ordinances Title 9, Division 6, Fire Protection
County TSG	County of San Diego Transportation Study Guidelines
CPA	Community Planning Area
CPUC	California Public Utilities commission
CRHR	California Register of Historical Resources
CRMDP	Cultural Resources Monitoring and Discovery Plan
CSAs	County Service Areas
CTR	California Toxics Rule
CUPA	Certified Unified Program Agency

Acronym	Definition
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
DCV	Design Capture Volume
DEHQ	Department of Environmental Health and Quality
Disposal Plan	Soil Disposal Plan
DMA	Drainage Management Area
DOC	California Department of Conservation
DOT	U.S. Department of Transportation
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DPW	Department of Public Works
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EIR	Environmental Impact Report
EMFAC	EMission FACtor model
EO	Executive Order
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act
EV	Electric Vehicle
FEMA	Federal Emergency Management Agency
FEOA	Fire and Emergency Operation Assessment
FGC	Fish and Game Code
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FIRMs	flood insurance rate maps
FMMP	Farmland Mapping and Monitoring
FPD	Fire Protection District
FTA	Federal Transit Administration
gal/hp-hr	gallons per horsepower-hour
gal/hr	gallons per hour
gal/mile	gallons per mile
GHG	greenhouse gas
GIS	geographic information system
GVWR	gross vehicle weight rating
GWh	gigawatt hours
GWP	global warming potential
H&SC	California Health and Safety Code
HA	hydraulic area
HC	hydrocarbons

Acronym	Definition
HCB	Hermes copper butterfly
HFCs	hydrofluorocarbons
HFHSZ	High Fire Hazard Severity Zone
HHDT	heavy-heavy duty truck
HMBP	Hazardous Materials Business Plan
HMD	Hazardous Materials Division
hp-hr	horsepower-hours
HUC	hydrologic unit code
HUs	hydrologic units
Hz	Hertz
I-	Interstate
IFC	International Fire Code
in/s	inches per second
IND	Industrial Service Supply
IPCC	Intergovernmental Panel on Climate Change
IRPs	integrated resource plans
ITP	Incidental Take Permit
JEPA	Joint Exercise of Powers Agreement
JPA	Joint Powers Authority
JRMP	Jurisdictional Runoff Management Plan
LARA	Local Agricultural Resource Assessment
lb/gal	pounds per gallon
lb/hp-hr	pounds per horsepower-hour
LCC	Land Capability Classification
LCFS	low carbon fuel standard
LDA, LDT1, and LDT2	light-duty automobile/light-duty truck vehicle categories
L_{dn}	day-night sound level
LED	light-emitting diode
L_{eq}	equivalent sound level
LESA	Land Evaluation Site Assessment Model
LID	Low Impact Development
L_{min}	minimum sound level
LOS	level of service
LPPA	Local Park Planning Area
LRA	Local Responsibility Area
LT	long-term
Lv	vibration velocity level
L_{xx}	percentile-exceeded sound level
MBTA	Migratory Bird Treaty Act
MEP	maximum extent practicable
Metropolitan	Metropolitan Water District of Southern California

Acronym	Definition
mg/m^3	milligrams per cubic meter
mgd	million gallons per day
MHDT	medium heavy-duty trucks
MICR	maximum incremental cancer risk
MM	mitigation measures
mpg	miles per gallon
MPOs	Metropolitan Planning Organizations
MRZ	Mineral Resource Zone
MS4s	municipal separate storm sewer systems
MSCP	Multiple Species Conservation Program
$MTCO_2e$	metric tons of carbon dioxide-equivalent
MTS	Metropolitan Transit System
MUN	Municipal and Domestic Supply
MWh	megawatt-hour
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Planning
NCP	National Contingency Plan
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
NOP	Notice of Preparation
NO_X	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
O_3	ozone
OES	Office of Emergency Services
ohm-cm	ohm-centimeters
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OSWS	on-site wastewater systems
OWTS	Onsite Wastewater Treatment System
Pb	lead
P-C	Production-Consumption
PDMWD	Padre Dam Municipal Water District
PDPs	Priority Development Projects
PDS	Planning & Development Services
PFCs	perfluorocarbons
PLDO	Park Lands Dedication Ordinance

Acronym	Definition
Plug-in SD	Plug-in San Diego
PLWTP	Point Loma Wastewater Treatment Plant
PM	particulate matter
PM_{10}	inhalable particulate matter
$PM_{2.5}$	fine particulate matter
PMP	Parks Master Plan
Porter-Cologne	Porter-Cologne Water Quality Control Act
ppb	parts per billion
ppm	parts per million
PRC	Public Resources Code
PROC	Industrial Process Supply
project	Alpine Park Project
PV	photovoltaic
QCB	Quino checkerspot butterfly
RAQS	Regional Air Quality Strategy
RCAs	Resource Conservation Areas
RCNM	Roadway Construction Noise Model
RCRA	Resource Conservation and Recovery Act of 1976
REC1	Contact Water Recreation
REC2	Non-contact Water Recreation
Regional Bike Plan	Riding to 2050, the San Diego Regional Bike Plan
Regional Plan	San Diego Forward: The Regional Plan
RES	Regional Energy Strategy
RMP	site Resource Management Plan
rms	root-mean-square
ROG	reactive organic gases
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
RV	recreational vehicle
RWQCB	Regional Water Quality Control Board
SAFE	Safer Affordable Fuel-Efficient
Safety Plan	Site Worker Health and Safety Plan
SANDAG	San Diego Association of Governments
SAP	Subarea Plan
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCIC	South Coastal Information Center
SCS	Sustainable Communities Strategy
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDC	Seismic Design Category

Acronym	Definition
SDCFA	San Diego County Fire Authority
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas and Electric
SDNHM	San Diego Natural History Museum
SDSD	San Diego County Sheriff's Department
SI	Storie Index
SIP	State Implementation Plan
SLCP	short-lived climate pollutant
SLCP Reduction Strategy	Short-Lived Climate Pollutant Reduction Strategy
SLF	Sacred Lands File
SLM	sound level meter
SLTs	Screening Level Thresholds
SMARA	Surface Mining and Reclamation Act
SO_2	sulfur dioxide
SR-	State Route
SRA	State Responsibility Area
SSA	Sewer Service Area
ST	short-term
SWPPP	Stormwater Pollution Prevention Plan
SWQMP	Stormwater Quality Management Plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
Tanner Act	Toxic Air Contaminant Identification and Control Act
T-BACT	Best Available Control Technology
TCR	tribal cultural resource
TDM	Transportation Demand Management
TDS	total dissolved solids
Technical Advisory	Technical Advisory on Evaluating Transportation Impacts in CEQA
Testing and Profiling Plan	Soil Testing and Profiling Plan
TIA	Transportation Impact Analysis
TIF	Transportation Impact Fee
TIS	Transportation Impact Study
TMDL	total maximum daily load
TSCA	Toxic Substances Control Act 1976
TSG	County of San Diego Transportation Study Guidelines
U.S. EPA	U.S. Environmental Protection Agency
UDC	Unified Disaster Council
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program

Acronym	Definition
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
UWMP	Urban Water Management Plan
VHFHSZ	Very High Fire Hazard Severity Zone
Viejas Band	Viejas Band of Kumeyaay Indians
VMT	vehicle miles traveled
VOC	volatile organic compound
WARM	Warm Freshwater Habitat
WILD	Wildlife Habitat
WMA	Watershed Management Area
WPO	Watershed Protection, Stormwater Management, and Discharge Control Ordinance
WUI	wildland urban interface