

Table of Contents

Contents	Page
1. EXECUTIVE SUMMARY	1-1
1.1 INTRODUCTION	1-1
1.2 ENVIRONMENTAL PROCEDURES	1-1
1.2.1 EIR Format	1-2
1.2.2 Type and Purpose of This DEIR.....	1-4
1.3 PROJECT LOCATION	1-4
1.4 PROJECT SUMMARY	1-4
1.5 SUMMARY OF PROJECT ALTERNATIVES.....	1-5
1.5.1 No Project/No Development Plan Alternative	1-5
1.5.2 No Project/Existing General Plan Alternative.....	1-5
1.6 ISSUES TO BE RESOLVED	1-7
1.7 AREAS OF CONTROVERSY	1-8
1.8 SUMMARY OF ENVIRONMENTAL IMPACTS, MITIGATION MEASURES, AND LEVELS OF SIGNIFICANCE AFTER MITIGATION.....	1-8
2. INTRODUCTION.....	2-1
2.1 PURPOSE OF THE ENVIRONMENTAL IMPACT REPORT.....	2-1
2.2 NOTICE OF PREPARATION AND INITIAL STUDY.....	2-2
2.3 SCOPE OF THIS DEIR	2-8
2.3.1 Impacts Considered Not to Be Significant.....	2-8
2.3.2 Potentially Significant Adverse Impacts	2-9
2.3.3 Unavoidable Significant Adverse Impacts	2-9
2.4 INCORPORATION BY REFERENCE.....	2-9
2.5 DEIR REVIEW AND FINAL EIR CERTIFICATION	2-10
2.6 MITIGATION MONITORING.....	2-10
3. PROJECT DESCRIPTION.....	3-1
3.1 PROJECT CHARACTERISTICS.....	3-1
3.1.1 Project Description.....	3-1
3.2 INTENDED USES OF THE EIR	3-33
3.3 REFERENCES.....	3-34
4. ENVIRONMENTAL SETTING	4-1
4.1 INTRODUCTION	4-1
4.2 REGIONAL ENVIRONMENTAL SETTING	4-1
4.2.1 Regional Location.....	4-1
4.2.2 Regional Planning Considerations.....	4-1
4.3 LOCAL ENVIRONMENTAL SETTING	4-5
4.3.1 Location and Land Use	4-5
4.3.2 Biological Resources	4-6
4.3.3 Climate and Air Quality.....	4-6
4.3.4 Geology and Landform.....	4-9
4.3.5 General Plan and Zoning.....	4-9
4.3.6 Hydrology	4-9
4.3.7 Noise.....	4-10
4.3.8 Scenic Features.....	4-10
4.3.9 Public Services and Utilities	4-10
4.3.10 Transportation	4-10
4.4 ASSUMPTIONS REGARDING CUMULATIVE IMPACTS.....	4-11
4.5 REFERENCES.....	4-12

Table of Contents

Contents	Page
5. ENVIRONMENTAL ANALYSIS	5-1
5.1 AESTHETICS	5.1-1
5.1.1 Environmental Setting.....	5.1-1
5.1.2 Thresholds of Significance.....	5.1-5
5.1.3 La Puerta School Site Specific Plan Regulations and Guidelines	5.1-5
5.1.4 Environmental Impacts.....	5.1-7
5.1.5 Cumulative Impacts	5.1-14
5.1.6 Level of Significance Before Mitigation	5.1-15
5.1.7 Mitigation Measures.....	5.1-15
5.1.8 Level of Significance After Mitigation	5.1-15
5.1.9 References.....	5.1-15
5.2 AIR QUALITY	5.2-1
5.2.1 Environmental Setting.....	5.2-1
5.2.2 Thresholds of Significance.....	5.2-17
5.2.3 Environmental Impacts.....	5.2-22
5.2.4 Cumulative Impacts	5.2-30
5.2.5 Level of Significance Before Mitigation	5.2-31
5.2.6 Mitigation Measures.....	5.2-31
5.2.7 Level of Significance After Mitigation	5.2-32
5.2.8 References.....	5.2-33
5.3 BIOLOGICAL RESOURCES	5.3-1
5.3.1 Environmental Setting.....	5.3-1
5.3.2 Thresholds of Significance.....	5.3-5
5.3.3 Environmental Impacts.....	5.3-6
5.3.4 Cumulative Impacts	5.3-14
5.3.5 Level of Significance Before Mitigation	5.3-15
5.3.6 Mitigation Measures.....	5.3-15
5.3.7 Level of Significance After Mitigation	5.3-17
5.3.8 References.....	5.3-17
5.4 CULTURAL RESOURCES	5.4-1
5.4.1 Environmental Setting.....	5.4-1
5.4.2 Thresholds of Significance.....	5.4-5
5.4.3 Environmental Impacts.....	5.4-6
5.4.4 Cumulative Impacts	5.4-8
5.4.5 Level of Significance Before Mitigation	5.4-9
5.4.6 Mitigation Measures.....	5.4-9
5.4.7 Level of Significance After Mitigation	5.4-10
5.4.8 References.....	5.4-10
5.5 ENERGY	5.5-1
5.5.1 Environmental Setting.....	5.5-1
5.5.2 Thresholds of Significance.....	5.5-6
5.5.3 Environmental Impacts.....	5.5-6
5.5.4 Cumulative Impacts	5.5-11
5.5.5 Level of Significance Before Mitigation	5.5-11
5.5.6 Mitigation Measures.....	5.5-12
5.5.7 Level of Significance After Mitigation	5.5-12
5.5.8 References.....	5.5-12
5.6 GEOLOGY AND SOILS	5.6-1
5.6.1 Environmental Setting.....	5.6-1
5.6.2 Thresholds of Significance.....	5.6-9
5.6.3 Environmental Impacts.....	5.6-10

Table of Contents

Contents	Page
5.6.4	Cumulative Impacts 5.6-14
5.6.5	Level of Significance Before Mitigation 5.6-14
5.6.6	Mitigation Measures 5.6-14
5.6.7	Level of Significance After Mitigation 5.6-14
5.6.8	References 5.6-14
5.7	GREENHOUSE GAS EMISSIONS 5.7-1
5.7.1	Environmental Setting 5.7-1
5.7.2	Thresholds of Significance 5.7-19
5.7.3	Environmental Impacts 5.7-21
5.7.4	Cumulative Impacts 5.7-25
5.7.5	Level of Significance Before Mitigation 5.7-25
5.7.6	Mitigation Measures 5.7-25
5.7.7	Level of Significance After Mitigation 5.7-25
5.7.8	References 5.7-26
5.8	HAZARDS AND HAZARDOUS MATERIALS 5.8-1
5.8.1	Environmental Setting 5.8-1
5.8.2	Thresholds of Significance 5.8-7
5.8.3	Environmental Impacts 5.8-8
5.8.4	Cumulative Impacts 5.8-13
5.8.5	Level of Significance Before Mitigation 5.8-13
5.8.6	Mitigation Measures 5.8-13
5.8.7	Level of Significance After Mitigation 5.8-13
5.8.8	References 5.8-13
5.9	HYDROLOGY AND WATER QUALITY 5.9-1
5.9.1	Environmental Setting 5.9-1
5.9.2	Thresholds of Significance 5.9-9
5.9.3	Environmental Impacts 5.9-9
5.9.4	Cumulative Impacts 5.9-18
5.9.5	Level of Significance Before Mitigation 5.9-19
5.9.6	Mitigation Measures 5.9-19
5.9.7	Level of Significance After Mitigation 5.9-19
5.9.8	References 5.9-19
5.10	LAND USE AND PLANNING 5.10-1
5.10.1	Environmental Setting 5.10-1
5.10.2	Thresholds of Significance 5.10-2
5.10.3	La Puerta School Site Specific Plan Regulations and Guidelines 5.10-2
5.10.4	Environmental Impacts 5.10-3
5.10.5	Cumulative Impacts 5.10-7
5.10.6	Level of Significance Before Mitigation 5.10-8
5.10.7	Mitigation Measures 5.10-8
5.10.8	Level of Significance After Mitigation 5.10-8
5.10.9	References 5.10-8
5.11	NOISE 5.11-1
5.11.1	Environmental Setting 5.11-1
5.11.2	Thresholds of Significance 5.11-9
5.11.3	Environmental Impacts 5.11-11
5.11.4	Cumulative Impacts 5.11-18
5.11.5	Level of Significance Before Mitigation 5.11-19
5.11.6	Mitigation Measures 5.11-19
5.11.7	Level of Significance After Mitigation 5.11-21
5.11.8	References 5.11-21

Table of Contents

Contents	Page
5.12 POPULATION AND HOUSING	5.12-1
5.12.1 Environmental Setting.....	5.12-1
5.12.2 Thresholds of Significance.....	5.12-5
5.12.3 Environmental Impacts.....	5.12-6
5.12.4 Cumulative Impacts	5.12-7
5.12.5 Level of Significance Before Mitigation	5.12-8
5.12.6 Mitigation Measures.....	5.12-8
5.12.7 Level of Significance After Mitigation	5.12-8
5.12.8 References.....	5.12-8
5.13 PUBLIC SERVICES.....	5.13-1
5.13.1 Fire Protection and Emergency Services.....	5.13-1
5.13.2 Police Protection	5.13-8
5.13.3 School Services	5.13-12
5.13.4 Libraries	5.13-16
5.13.5 References.....	5.13-19
5.14 TRANSPORTATION.....	5.14-1
5.14.1 Environmental Setting.....	5.14-1
5.14.2 Thresholds of Significance.....	5.14-6
5.14.3 Environmental Impacts.....	5.14-6
5.14.4 Cumulative Impacts	5.14-16
5.14.5 Level of Significance Before Mitigation	5.14-17
5.14.6 Mitigation Measures.....	5.14-17
5.14.7 Level of Significance After Mitigation	5.14-17
5.14.8 References.....	5.14-17
5.15 TRIBAL CULTURAL RESOURCES	5.15-1
5.15.1 Environmental Setting.....	5.15-1
5.15.2 Thresholds of Significance.....	5.15-5
5.15.3 Environmental Impacts.....	5.15-5
5.15.4 Cumulative Impacts	5.15-8
5.15.5 Level of Significance Before Mitigation	5.15-8
5.15.6 Mitigation Measures.....	5.15-9
5.15.7 Level of Significance After Mitigation	5.15-9
5.15.8 References.....	5.15-9
5.16 UTILITIES AND SERVICE SYSTEMS	5.16-1
5.16.1 Wastewater Treatment and Collection.....	5.16-1
5.16.2 Water Supply and Distribution Systems	5.16-8
5.16.3 Storm Drainage Systems.....	5.16-17
5.16.4 Solid Waste	5.16-21
5.16.5 Other Utilities	5.16-26
5.16.6 Level of Significance Before Mitigation	5.16-31
5.16.7 Mitigation Measures.....	5.16-31
5.16.8 Level of Significance After Mitigation	5.16-31
5.16.9 References.....	5.16-31
5.17 WILDFIRE.....	5.17-1
5.17.1 Environmental Setting.....	5.17-1
5.17.2 Thresholds of Significance.....	5.17-16
5.17.3 Environmental Impacts.....	5.17-17
5.17.4 Cumulative Impacts	5.17-20
5.17.5 Level of Significance Before Mitigation	5.17-20
5.17.6 Mitigation Measures.....	5.17-20
5.17.7 Level of Significance After Mitigation	5.17-20
5.17.8 References.....	5.17-21

Table of Contents

Contents	Page
6. SIGNIFICANT UNAVOIDABLE ADVERSE IMPACTS	6-1
7. ALTERNATIVES TO THE PROPOSED PROJECT	7-1
7.1 INTRODUCTION.....	7-1
7.1.1 Purpose and Scope.....	7-1
7.1.2 Project Objectives.....	7-2
7.2 ALTERNATIVES CONSIDERED AND REJECTED DURING THE SCOPING/PROJECT PLANNING PROCESS.....	7-2
7.2.1 Alternative Development Areas.....	7-3
7.2.2 Reduced Density Alternative.....	7-3
7.2.3 Increased Density Alternative.....	7-4
7.3 ALTERNATIVES SELECTED FOR FURTHER ANALYSIS.....	7-5
7.4 NO PROJECT / NO DEVELOPMENT ALTERNATIVE.....	7-6
7.4.1 Aesthetics.....	7-6
7.4.2 Air Quality.....	7-6
7.4.3 Biological Impacts.....	7-7
7.4.4 Cultural Resources.....	7-7
7.4.5 Energy.....	7-7
7.4.6 Geology and Soils.....	7-7
7.4.7 Greenhouse Gas Emissions.....	7-8
7.4.8 Hazards and Hazardous Materials.....	7-8
7.4.9 Hydrology and Water Quality.....	7-8
7.4.10 Land Use and Planning.....	7-9
7.4.11 Noise.....	7-9
7.4.12 Population and Housing.....	7-9
7.4.13 Public Services.....	7-9
7.4.14 Transportation.....	7-10
7.4.15 Tribal Cultural Resources.....	7-10
7.4.16 Utilities and Service Systems.....	7-10
7.4.17 Wildfire.....	7-10
7.4.18 Conclusion.....	7-11
7.5 NO PROJECT / EXISTING GENERAL PLAN ALTERNATIVE.....	7-11
7.5.1 Aesthetics.....	7-13
7.5.2 Air Quality.....	7-13
7.5.3 Biological Impacts.....	7-14
7.5.4 Cultural Resources.....	7-14
7.5.5 Energy.....	7-14
7.5.6 Geology and Soils.....	7-15
7.5.7 Greenhouse Gas Emissions.....	7-15
7.5.8 Hazards and Hazardous Materials.....	7-15
7.5.9 Hydrology and Water Quality.....	7-16
7.5.10 Land Use and Planning.....	7-16
7.5.11 Noise.....	7-17
7.5.12 Population and Housing.....	7-17
7.5.13 Public Services.....	7-17
7.5.14 Transportation.....	7-18
7.5.15 Tribal Cultural Resources.....	7-18
7.5.16 Utilities and Service Systems.....	7-18
7.5.17 Wildfire.....	7-18
7.5.18 Conclusion.....	7-19
7.6 ENVIRONMENTALLY SUPERIOR ALTERNATIVE.....	7-20
7.7 REFERENCES.....	7-20

Table of Contents

Contents	Page
8. IMPACTS FOUND NOT TO BE SIGNIFICANT.....	8-1
8.1 AGRICULTURE AND FORESTRY RESOURCES	8-1
8.2 MINERAL RESOURCES.....	8-3
8.3 RECREATION	8-4
8.4 REFERENCES.....	8-5
9. SIGNIFICANT IRREVERSIBLE CHANGES DUE TO THE PROPOSED PROJECT.....	9-1
10. GROWTH-INDUCING IMPACTS OF THE PROPOSED PROJECT.....	10-1
11. ORGANIZATIONS AND PERSONS CONSULTED.....	11-1
11.1 LEAD AGENCY	11-1
11.2 LEAD AGENCY CONSULTANTS	11-1
11.3 PROJECT APPLICANT	11-1
12. QUALIFICATIONS OF PERSONS PREPARING EIR.....	12-1
PLACEWORKS	12-1
13. BIBLIOGRAPHY.....	13-1

Table of Contents

Contents	Page
----------	------

APPENDICES

Appendix A:	Notice of Preparation (NOP) and NOP Comment Letters
Appendix B:	Air Quality, GHG, and Energy Modeling Data
Appendix C:	Biological Resources Technical Report
Appendix D:	Cultural Resources Assessment
Appendix E:	Preliminary Soils and Engineering Geologic Investigation
Appendix F1:	Phase I Environmental Site Assessment
Appendix F2:	Revised Work Plan, Preliminary Endangerment Assessment
Appendix F3:	Removal Action Closure Report
Appendix F4:	Limited Phase II Environmental Site Assessment
Appendix F5:	Stockpile Sampling Results
Appendix G1:	Preliminary Hydrology Report
Appendix G2:	Preliminary Low Impact Development Plan
Appendix H:	Noise Background and Modeling
Appendix I:	Traffic Impact Analysis
Appendix J1:	Sewer Analysis
Appendix J2:	Statement of Water Availability

Table of Contents

Figure		Page
Figure 3-1	Aerial Photograph of Project Area	3-5
Figure 3-2	Conceptual Site Plan	3-7
Figure 3-3	Conceptual Z-lot Configuration.....	3-9
Figure 3-4	Conceptual Conventional Lot Configuration	3-11
Figure 3-5	Existing General Plan Land Use Designation	3-13
Figure 3-6	Proposed General Plan Land Use Designation.....	3-15
Figure 3-7	Existing Zoning Designation.....	3-17
Figure 3-8	Proposed Zoning Designation	3-19
Figure 3-9	Proposed Tentative Tract Map	3-21
Figure 3-10	Proposed Offsite Sewer and Drainage Improvements	3-29
Figure 4-1	Regional Location.....	4-3
Figure 4-2	Local Vicinity.....	4-7
Figure 5.3-1	Vegetation Communities Impact Map.....	5.3-11
Figure 5.9-1	Existing Hydrology Map	5.9-7
Figure 5.9-2	Water Quality Management Map.....	5.9-13
Figure 5.17-1	Fire Hazard Severity Zones	5.17-11
Figure 5.17-2	Wildland-Urban Interface	5.17-13

Table of Contents

Table	Page
Table 1-1	Summary of Environmental Impacts, Mitigation Measures and Levels of Significance After Mitigation1-9
Table 2-1	NOP Written Comments Summary2-2
Table 3-1	Proposed Specific Plan Development Standards 3-25
Table 5.2-1	Criteria Air Pollutant Health Effects Summary..... 5.2-4
Table 5.2-2	Ambient Air Quality Standards for Criteria Pollutants 5.2-6
Table 5.2-3	Attainment Status of Criteria Air Pollutants in the South Coast Air Basin 5.2-15
Table 5.2-4	Ambient Air Quality Monitoring Summary 5.2-16
Table 5.2-5	South Coast AQMD Significance Thresholds..... 5.2-18
Table 5.2-6	South Coast AQMD Localized Significance Thresholds..... 5.2-21
Table 5.2-7	South Coast AQMD Screening-Level Localized Significance Thresholds 5.2-21
Table 5.2-8	South Coast AQMD Toxic Air Contaminants Incremental Risk Thresholds 5.2-22
Table 5.2-9	Maximum Daily Regional Construction Emissions..... 5.2-25
Table 5.2-10	Maximum Daily Regional Operation Emissions..... 5.2-26
Table 5.2-11	Maximum Daily On-Site Localized Construction Emissions 5.2-27
Table 5.2-12	Maximum Daily On-Site Localized Construction Emissions with Mitigation Incorporated 5.2-32
Table 5.3-1	Project Area Vegetation Community Impacts..... 5.3-10
Table 5.5-1	Operation-Related Electricity Consumption 5.5-9
Table 5.5-2	Operation-Related Natural Gas Consumption..... 5.5-9
Table 5.5-3	Operation-Related Fuel Usage 5.5-10
Table 5.6-1	Estimated Maximum Earthquake Magnitude and Distance to Faults Near Project Area 5.6-7
Table 5.7-1	GHG Emissions and Their Relative Global Warming Potential Compared to CO ₂ 5.7-2
Table 5.7-2	Summary of GHG Emissions Risks to California 5.7-4
Table 5.7-3	2017 Climate Change Scoping Plan Emissions Reductions Gap 5.7-9
Table 5.7-4	2017 Climate Change Scoping Plan Emissions Change by Sector..... 5.7-10
Table 5.7-5	Priority Strategies for Local Government Climate Action Plans 5.7-11
Table 5.7-6	Project-Related GHG Emissions..... 5.7-23
Table 5.8-1	Hazardous Materials Listings..... 5.8-5
Table 5.9-1	Construction Best Management Practices..... 5.9-10
Table 5.9-2	Existing and Proposed 25-Year Peak Flow Rates..... 5.9-17
Table 5.10-1	General Plan Consistency Analysis..... 5.10-5
Table 5.11-1	Typical Noise Levels 5.11-4
Table 5.11-2	Claremont Noise and Land Use Guidelines 5.11-7
Table 5.11-3	City of Claremont Exterior Noise Standards..... 5.11-8

Table of Contents

Table		Page
Table 5.11-4	Groundborne Vibration Criteria: Architectural Damage.....	5.11-11
Table 5.11-5	Project-Related Construction Noise at Sensitive Receptors	5.11-14
Table 5.11-6	Project-Related Traffic Noise Increases	5.11-16
Table 5.11-7	Vibration Levels for Typical Construction Equipment (VdB)	5.11-17
Table 5.11-8	Vibration Levels for Typical Construction Equipment (in/sec PPV).....	5.11-17
Table 5.12-1	City of Claremont and Los Angeles County Populations, 2010–2020.....	5.12-3
Table 5.12-2	City of Claremont and Los Angeles County Population Forecasts	5.12-4
Table 5.12-3	Housing Units, City of Claremont and Los Angeles County.....	5.12-4
Table 5.12-4	Households Forecast, City of Claremont and Los Angeles County 2020-2045	5.12-5
Table 5.12-5	Employment Projections, City of Claremont and Los Angeles County 2016-2045	5.12-5
Table 5.12-6	Specific Plan’s Population and Housing Contribution.....	5.12-7
Table 5.14-1	Study Segments Vehicle, Bike, and Pedestrian Traffic.....	5.14-9
Table 5.14-2	VMT Analysis of Project Impact.....	5.14-13
Table 5.14-3	2040 Project Effect on VMT.....	5.14-14
Table 5.16-1	Projected Wastewater Generation	5.16-6
Table 5.16-2	Normal, Single Dry, and Multiple Dry Year Supply and Demand (afy)	5.16-12
Table 5.16-3	Projected Water Demand.....	5.16-16
Table 5.16-4	Existing and Proposed 25-Year Peak Flow Rates at Indian Hill Blvd Outlet.....	5.16-20
Table 5.16-5	Landfills Serving Claremont	5.16-23
Table 5.16-6	Estimated Solid Waste Generation.....	5.16-25

Abbreviations and Acronyms

ABBREVIATIONS AND ACRONYMS

AAQS	ambient air quality standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADT	average daily traffic
amsl	above mean sea level
AQMP	air quality management plan
AST	aboveground storage tank
BAU	business as usual
bgs	below ground surface
BMP	best management practices
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalARP	California Accidental Release Prevention Program
CalEMA	California Emergency Management Agency
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources, Recycling, and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
cfs	cubic feet per second
CGS	California Geologic Survey
CMP	congestion management program

Abbreviations and Acronyms

CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CO	carbon monoxide
CO ₂ e	carbon dioxide equivalent
Corps	US Army Corps of Engineers
CSO	combined sewer overflows
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dba	A-weighted decibel
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
EIR	environmental impact report
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GHG	greenhouse gases
GWP	global warming potential
HCM	Highway Capacity Manual
HQTA	high quality transit area
HVAC	heating, ventilating, and air conditioning system
IPCC	Intergovernmental Panel on Climate Change
L _{dn}	day-night noise level
L _{eq}	equivalent continuous noise level
LBP	lead-based paint
LCFS	low-carbon fuel standard
LOS	level of service
LST	localized significance thresholds
M _w	moment magnitude
MCL	maximum contaminant level
MEP	maximum extent practicable

Abbreviations and Acronyms

mgd	million gallons per day
MMT	million metric tons
MPO	metropolitan planning organization
MT	metric ton
MWD	Metropolitan Water District of Southern California
NAHC	Native American Heritage Commission
NO _x	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
O ₃	ozone
OES	California Office of Emergency Services
PM	particulate matter
POTW	publicly owned treatment works
ppm	parts per million
PPV	peak particle velocity
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RMP	risk management plan
RMS	root mean square
RPS	renewable portfolio standard
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SIP	state implementation plan
SLM	sound level meter
SoCAB	South Coast Air Basin
SO _x	sulfur oxides
SQMP	stormwater quality management plan
SRA	source receptor area [or state responsibility area]
SUSMP	standard urban stormwater mitigation plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board

Abbreviations and Acronyms

TAC	toxic air contaminants
TNM	transportation noise model
tpd	tons per day
TRI	toxic release inventory
TTCP	traditional tribal cultural places
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	urban water management plan
V/C	volume-to-capacity ratio
VdB	velocity decibels
VHFHSZ	very high fire hazard severity zone
VMT	vehicle miles traveled
VOC	volatile organic compound
WQMP	water quality management plan
WSA	water supply assessment