SECTION 7.0 PREPARERS AND ACRONYMS

7.1 PREPARERS AND CONTRIBUTORS

7.1.1 PREPARERS

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7.2 **ACRONYMS**

Acronym **Acronym and Abbreviation Description**

Α

AB Assembly Bill

ACHP Advisory Council on Historic Preservation

ADSA Axial Dimensional Stimulation Area

acre-feet af af Artificial Fill

acre-feet per year afy

AIRFA American Indian Religious Freedom Act **ALARP** As Low As Reasonably Practicable American National Standards Institute ANSI **ANSS** Advanced National Seismic System

APE Area of Potential Effect

API American Petroleum Institute **AQMP** Air Quality Management Plan

ARB Air Resources Board

ASME American Society of Mechanical Engineers

ATSDR Agency for Toxic Substances and Disease Registry

В

BAAQMD Bay Area Air Quality Management District

Best Available Control Technology **BACT BARCT** Best Available Retrofit Technology

BAU **Business As Usual**

bbl barrel

BFW base-of-fresh-water below ground surface bgs **BHC**

Baldwin Hills Conservancy

bhp brake horsepower

BHRCA Baldwin Hills Regional Conservation Authority

BMPs Best Management Practices

Five-day Biochemical Oxygen Demand BOD5

BP British Petroleum barrels per day bpd

BTEX benzene, toluene, ethylbenzene, xylenes

C

C&D Construction and Demolition

C₄H₈S tetrahydrothiophene CAA Clean Air Act (federal)

CAAQS California Ambient Air Quality Standards
CAEMA California Emergency Management Agency

CalARP California Accidental Release Prevention Program

CalEEMod California Emissions Estimator Model

CalEPA California Environmental Protection Agency
CalFire California Fire Marshal Pipeline Safety Division

CalOES California Office of Emergency Services

CalOSHA California Occupational Safety and Health Administration
CalRecycle California Department of Resources Recycling and Recovery

Caltrans California Department of Transportation

CAO Cleanup and Abatement Orders
CARB California Air Resources Board

CAW California American Water Company

CBC California Building Code
CCAA California Clean Air Act
CCFD Culver City Fire Department
CCMC Culver City Municipal Code
CCPD Culver City Police Department

CCPS Center for Chemical Process Safety

CCR California Code of Regulations

CCST California Council on Science and Technology
CDFW California Department of Fish and Wildlife

CDM Clean Development Mechanism

CDO Cease and Desist Orders
CDP Census-designated Place

CDPR California Department of Parks and Recreation

CEC California Energy Commission

CEQA California Environmental Quality Act of 1970

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CESA California Endangered Species Act

CFAI Commission on Fire Accreditation International

CFR Code of Federal Regulations
CGS California Geological Survey

CH₄ methane

CHP California Highway Patrol

CIRES Cooperative Institute for Research in Environmental Sciences

CIWMA Countywide Integrated Waste Management Act

CMP Congestion Management Program
CNDDB California Natural Diversity Database
CNEL Community Noise Equivalency Level

CNG Compressed Natural Gas

CNPS California Native Plant Society

CO carbon monoxide CO_2 carbon dioxide CO₂e CO₂ equivalents

CPUC California Public Utilities Commission California Register of Historic Resources CRHR

CSD Community Services District CSD Community Standards District **CUPA** Certified Unified Program Agency CWA Clean Water Act, Federal (1977)

cubic yard су

D

D distance from source to receiver

D/C demand-to-capacity ratio

dB decibel

decibel, A-weighted dBA DEM Digital Elevation Model

DNL day-night average sound level DO Department of the Interior

DOC California Department of Conservation

California Department of Conservation, Division of Oil, Gas and Geothermal DOGGR

Resources

DOT Department of Transportation

DPF Diesel Particulate Filter DPM Diesel Particulate Matter

DTSC Department of Toxic Substances Control, State of California

DWR California Department of Water Resources

Ε

E&P **Exploration and Production**

EΒ Eastbound

EDD California Employment Development Department

EFZ Earthquake Fault Zones

EIA United States Energy Information Administration

EIR Environmental Impact Report (CEQA)

Emergency Medical Services EMS

ΕO **Executive Order**

EPA **Environmental Protections Agency**

EQAP Environmental Quality Assurance Program

ERCs Emission Reduction Credits
ERP Emergency Response Plan

F

FC Federal Candidate species (USFWS)

FCAA Federal Clean Air Act

FE Federally Endangered species (USFWS)
FEMA Federal Emergency Management Agency
FERC Federal Energy Regulatory Commission

FESA Federal Endangered Species Act FHWA Federal Highway Administration

FIBC Flexible Intermediate Bulk Containers

FIRM Flood Insurance Rate Map
FM O&G Freeport-McMoRan Oil & Gas
FP Fully Protected species (CDFW)

FR Federal Register

FRP Facility Response Plan

ft foot (or feet)

ft² square foot (or feet)

FT Federally Threatened species (USFWS)

FTA Federal Transit Administration

FTIR Fourier transform infrared spectroscopy

G

g/bhp-hr grams per brake horsepower-hour

g/cc grams per cubic centimeter
GDP Gross Domestic Product

GHG Greenhouse Gases

GMP Groundwater-Monitoring Plan

GMPE Ground Motion Prediction Equations

gpd gallons per day gpm gallons per minute

GPS Global Positioning System

GWh gigawatt/hour

GWP Global Warming Potential

Н

HMTA Hazardous Materials Transportation Act

H₂S hydrogen sulfide

HARP Hot Spots Analysis Reporting Program

HCI hydrochloric acid

Acronym Acronym and Abbreviation Description

HHP hydraulic horsepower

HI Hazard Index

HIA Acute Hazard Index
HIC Chronic Hazard Index

hr hour

HRA Health Risk Analysis/Assessment

HRP Habitat Restoration Plan

HUD U.S. Department of Housing and Urban Development

HVAC Heating, Ventilation, and Air Conditioning

Hz Hertz

I Interstate

IBC International Building Code
ICU Intersection Capacity Utilization

IG Industrial General in/sec inches per second

inSAR Differentially Interferometric Synthetic Aperture Radar

IOF Inglewood Oil Field

IPCC Intergovernmental Panel on Climate Change

IRI Industrial Risk Insurers

IS Initial Study

J

JWPCP Joint Water Pollution Control Plant

Κ

KHSRA Kenneth Hahn State Recreational Area

km kilometer

km² square kilometer km/hr kilometers per hour

kV kilovolt

kVA kilovolt amps kW kilowatt

kWh kilowatt hours

L

LABP Los Angeles Bike Paths

LACDPR Los Angeles County Department of Parks and Recreation

LACDPW Los Angeles County Department of Public Works

LACDRP Los Angeles County Department of Regional Planning

LACFCD Los Angeles County Flood Control District
LACFD Los Angeles County Fire Department
LACSD Los Angeles County Sanitation Districts
LACSD Los Angeles County Sheriff's Department
LADWP Los Angeles Department of Water and Power

lbs pounds

lbs/day pounds per day

LCFS Low Carbon Fuel Standard
LDAR Leak Detection and Repair
LD noise level at a distance D
Ldn day-night average sound level

 $\begin{array}{lll} L_{\text{eq}} & & \text{noise level equivalent} \\ LID & & Low Impact Development} \\ L_{\text{max}} & & \text{maximum noise level} \\ L_{\text{min}} & & \text{minimum noise level} \end{array}$

LOPA Layer of Protection Analysis

LOS Level of Service

LRAs Local Responsibility Areas

L_{ref} noise level at a reference distance LST Localized Significance Threshold

LSWPPP Local Storm Water Pollution Prevention Plan

LT Long-Term Monitoring

M

M magnitude m² square meter

MACT Maximum Achievable Control Technology

MATES Multiple Air Toxics Exposure Study

MBTA Migratory Bird Treaty Act mcfd million cubic feet per day

MCL Maximum Allowable Contaminant Level

MEP Maximum Extent Practicable

MET Meteorological

Metro Los Angeles Metropolitan Transit Authority

mg/L milligrams per liter
mgd million gallons per day
mgy million gallons per year

MICR Maximum Individual Cancer Risk

MJHMP Multi-Jurisdictional Hazard Mitigation Plan

ml milliliter mm millimeter

MM Mitigation Measure
mm/s millimeters per second
MMI Modified Mercalli Intensity
MMP Mitigation Monitoring Program

MMTCO₂e million metric tonnes of CO₂ equivalent

MOU Memorandum of Understanding

mph miles per hour

MPO Metropolitan Planning Organization

MRCA Mountains Recreation and Conservation Authority

MRS Marine Research Specialists
MRZ Mineral Resource Zone

MS4 Municipal Separate Storm Sewer System

msl mean sea level

MTBE methyl tertiary-butyl ether

MTCO₂e metric tonnes of CO₂ equivalent MUN Domestic or Municipal Supply

MW megawatt

MWELO Model Water Efficient Landscape Ordinance

N

n value based on soil material N/A Not Available or Not Applicable

N₂O nitrous oxide

NAAQS National Ambient Air Quality Standards
NACE National Association of Corrosion Engineers
NAHC Native American Heritage Commission

NB Northbound

NEHRP National Earthquake Hazards Reduction Program
NEHRPA National Earthquake Hazards Reduction Program Act

NEPA National Environmental Policy Act

NF₃ nitrogen trifluoride

NFPA National Fire Protection Agency
NHMP Natural Hazard Mitigation Plan
NHPA National Historic Preservation Act

NI Newport-Inglewood

NIOSH National Institute for Occupational Safety and Health

NO₂ nitrogen dioxide

NO₃ nitrate

NOA Notice of Availability (CEQA)

NOAA National Oceanic and Atmospheric Administration

NOP Notice of Preparation (CEQA)

Acronym Acronym and Abbreviation Description

NORM Naturally Occurring Radioactive Material

NOV Notice of Violation

NOx oxides of nitrogen (nitric oxide and nitrogen dioxide)
NPDES National Pollutant Discharge Elimination System

NRHP National Register of Historic Places
NSPS New Source Performance Standards

NVG NVG Todav

0

 O_3 ozone

OAL Office of Administrative Law

OEHHA Office of Environmental Health Hazard Assessment

OMR California Department of Conservation, Office of Mine Reclamation

OPR Office of Planning and Research

OS Open Space

OSHA Occupational Safety and Health Agency
OSPR Office of Spill Prevention and Response

Ρ

PAs Participating Agencies

PALs Plant-Wide Applicability Limitations
P-C Region Production-Consumption Region

PCE passenger car equivalent
PCEs Primary Constituent Elements

PEIR Program Environmental Impact Report
PERP Portable Equipment Registration Program

PFC perfluorocarbon

PGA peak ground acceleration
pH Potential of Hydrogen
PHA Process Hazard Analysis

PHMSA U.S. Department of Transportation, Pipeline Hazardous Materials Safety

Administration

PM10 respirable particulate matter less than 10 micrometers in diameter PM2.5 respirable particulate matter less than 2.5 micrometers in diameter

ppb parts per billion

ppm parts per million; used interchangeably with mg/L (milligrams per liter)

ppmv parts per million by volume

ppv peak particle velocity

PPV_{equip} peak particle velocity in inches per second

PPV_{ref} peak particle velocity in inches per second at reference distance

PRC Public Resources Code

Acronym Acronym and Abbreviation Description

psd Prevention of Significant Deterioration

psi pounds per square inch

psiG pounds per square inch gauge

PXP Plains Exploration and Production Company

Q

Qa Quaternary alluvium

Qb Baldwin Hills sandy gravel

Qc Culver Sand
Qco Colluvium

Qi Quaternary Inglewood Formation

Qoa Quaternary older alluvium

Qsp Quaternary San Pedro Sand

R

R1 Residential Single Family

RCRA Resource Conservation and Recovery Act
RECLAIM Regional Clean Air Incentives Market

RELs Reference Exposure Levels

RIBC Rigid Intermediate Bulk Containers

RMPP Risk Management and Prevention Program

RR Regulatory Requirement
RTCs RECLAIM trading credits
RTP Regional Transportation Plan

RWQCB Regional Water Quality Control Board

S

SAAQS State Ambient Air Quality Standards

SARA Superfund Amendment and Reauthorization Act

SB Senate Bill SB Southbound

SCAG Southern California Association of Governments
SCAQMD South Coast Air Quality Management District
SCCIC South Central Coastal Information Center

SCE Southern California Edison

SCHCC Southern California Hospital Culver City

SCS Sustainable Communities Strategy

SDWA Safe Drinking Water Act

SE State Endangered species (CDFW)

sf square foot (or feet)
SF₆ sulfur hexafluoride

SFHA Special Flood Hazard Areas

SIMQAP Safety Inspection, Maintenance, and Quality Assurance Program

SIP State Implementation Plan

SMARA Surface Mining and Reclamation Act
SMCL Secondary Maximum Contaminant Level

SO₂ sulfur dioxide

SoCAB South Coast Air Basin

SoCalGas Southern California Gas Company

SOF Solar Occultation Flux

SOx sulfur oxides SP Specific Plan

SPCC Spill prevention, Control, and Countermeasures
SPCCP Spill Prevention, Control, and Countermeasure Plan

SR State Route

SRA State Recreation Area
SRAs State Responsibility Areas

SSC Species of Special Concern (CDFW)
ST State Threatened species (CDFW)

STERCs Short Term Emission Reduction Credits
SUSMP Standard Urban Stormwater Mitigation Plans

SWPPP Storm Water Pollution Prevention Plan SWRCB State Water Resources Control Board

Т

TAC Toxic Air Contaminant

TCLP Toxicity Characteristic Leaching Procedure

TDS total dissolved solids
TIA Traffic Impact Analysis
TMDL Total Maximum Daily Load

tpd tons per day

TPH-DRO total petroleum hydrocarbons as diesel range organics

TRPH total recoverable petroleum hydrocarbons

U

UCLA University of California, Los Angeles

UF acoustic utilization factor
UIC Underground Injection Control

UNFCC United Nation Framework Convention on Climate Change

USACE U.S. Army Corps of Engineers

USC United States Code

USDOT U.S. Department of Transportation

USEPA U.S. Environmental Protection Agency

USFWS U.S. Fish and Wildlife Service
USGS United States Geological Survey
UST Underground Storage Tanks
UTC coordinated universal time

UV-DOAS Ultraviolet Differential Optical Absorption Spectroscopy

UWMP Urban Water Management Plan

V

V/C volume-to-capacity ratio

VdB vibration decibel

VERA Voluntary Emission Reduction Agreement VHFHSZ Very High Fire Hazard Severity Zone

VMT vehicle miles traveled

VOC Volatile Organic Compounds

VPD vehicles per day

W

WB Westbound

WBMWD West Basin Municipal Water District

WCB Wildlife Conservation Board

WCSB Western Canada Sedimentary Basin

WSA Water Supply Assessment

WWECP Wet Weather Erosion Control Plan

Υ

yr year

Ζ

ZCA Zoning Code Amendment

SYMBOLS

μg/m³ micrograms per cubic meter