DRAFT ENVIRONMENTAL IMPACT REPORT THE BOWERY MIXED-USE PROJECT SANTA ANA, CALIFORNIA STATE CLEARINGHOUSE NO. 2019080011

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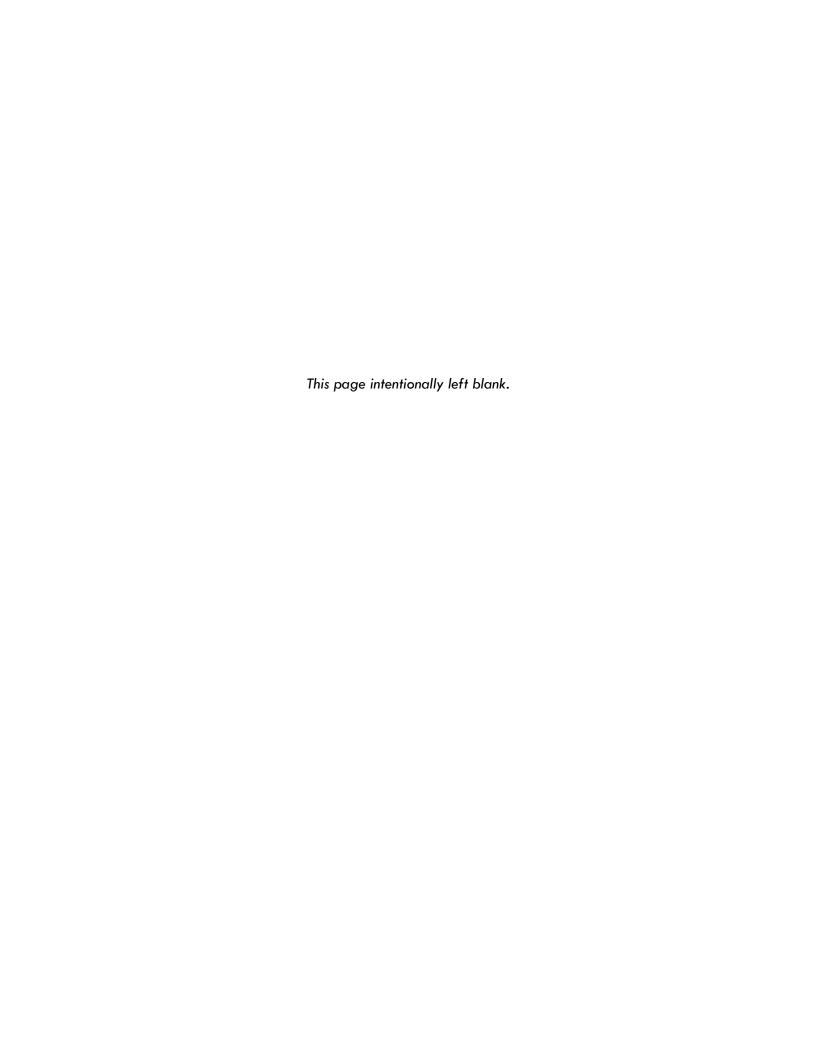


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ACRONYMS AND ABBREVIATIONS

°C degrees celsius

μg/m³ micrograms per cubic meter
AB 52 California Assembly Bill 52
ACM asbestos-containing material

AF acre-feet

ALUC Airport Land Use Commission
ALUCP Airport Land Use Compatibility Plan

amsl above mean sea level
AQIA Air Quality Impact Analyses
AQMP Air Quality Management Plan
APN Assessor's Parcel Number
ATCM airborne toxic control measure

BAAQMD Bay Area Air Quality Management District

BACM best available control measure
BACT best available control technology
Basin South Coast Air Quality Basin

BAU business as usual
BFE base flood elevation
bgs below ground surface
BMPs Best Management Practices
CAA Clean Air Act of 1970
CAAA CAA Amendments of 1990

CAAQS California Ambient Air Quality Standards
CalEEMod California Emissions Estimator Model
CALGreen California Green Building Standards Code

CAP Climate Action Plan of 2013
CARB California Air Resources Board
CBC California Building Code

CCAA California Clean Air Act of 1988

CDFW California Department of Fish and Wildlife CC&Rs Covenants, Conditions, and Restrictions

CEC California Energy Commission
CEQA California Environmental Quality Act
CESA California Endangered Species Act

CGEU California Gas and Electric Utilities 2016 California Gas Report

CGS California Geological Survey

CH₄ methane

CHAPIS Community Health Air Pollution Information System (CARB)

CHRIS California Historical Resources Inventory System

CNDDB California Natural Diversity Database
CNEL community noise equivalent level
CNPS California Native Plant Society

CO carbon monoxide CO₂ carbon dioxide

CO₂e carbon dioxide equivalent

CRHR California Register of Historical Resources

CTP Clean Truck Program
CUP Conditional Use Permit

dB decibel

dBA A-weighted decibels
DPM diesel particulate matter

DTSC Department of Toxic Substances Control

EIR Environmental Impact Report
EMS Emergency Medical Services
ESA Environmental Site Assessment

FAR floor area ratio

FEMA Federal Emergency Management Agency
FESA Federal Endangered Species Act of 1973
FMMP Farmland Mapping and Monitoring Program

gal/day gallons per day GHG greenhouse gas

GWP global warming potential

Handbook Air Quality and Land Use Handbook: A Community Health Perspective (CARB

2005)

HAPs hazardous air pollutants
HCM Highway Capacity Manual
HCP Habitat Conservation Plan

HDT Heavy Duty Trucks
HFCs hydroflourocarbons

Hot Spots Act Air Toxics Hot Spots Information and Assessment Act of 1987

HP horsepower

HPLV High Pressure Low Volume

HVAC heating, ventilating, and air conditioning

ICU intersection capacity utilization

I Interstate

I-5 Santa Ana Freeway
LBP lead-based paint

LCFS Low Carbon Fuel Standard

LEED Leadership in Energy and Environmental Design

LEV Low Emission Vehicle
LID low impact development

LOS level of service

LSTs localized significance thresholds
MACT maximum available control technology
MBTA Migratory Bird Treaty Act of 1918

MCC Material Culture Consulting mgd million gallons per day

MMRP Mitigation Monitoring and Reporting Program

MMT million metric tons

MPO metropolitan planning organization

MT metric tons

MT CO₂e metric tons of carbon dioxide equivalent NAAQS National Ambient Air Quality Standards

 N_2O nitrous oxide

NAHC Native American Heritage Commission

NALs numeric action levels

NCCP Natural Community Conservation Plan
NESHAP national emissions standards for HAPs

 NH_3 ammonia

NHPA National Historic Preservation Act of 1966

NHTSA National Highway Traffic and Safety Administration

NMC New Model Colony

NOP Notice of Preparation
NO2 nitrogen oxide
NOx nitrogen oxide
NOI Notice of Intent

NPDES National Pollutant Discharge Elimination System

NRCS U.A. Department of Agriculture Natural Resources Conservation Service

O₃ ozone

ODC Ontario Development Code
ONT Ontario International Airport

PA Planning Area

Pb lead

PDF project design feature PFCs perflourocarbons

 $PM_{2.5}$ particulate matter less than 2.5 micrometers in aerodynamic diameter PM_{10} particulate matter less than 10 micrometers in aerodynamic diameter

ppb parts per billion

PPP Plans, Programs, and Policies
PRC Public Resources Code

PRIMP Paleontological Resources Impact Mitigation Plan

PWS public water supplier

REC recognized environmental conditions

ROG reactive organic gas

RTP Regional Transportation Plan

RWQCB Regional Water Quality Control Board

SB Senate Bill

SB 18 California Senate Bill 18, Ch. 905 (2004)

SC Standard Condition SCAB South Coast Air Basin

SCAG Southern California Association of Governments
SCAQMD South Coast Air Quality Management District
SCCIC South Central Coastal Information Center
SCE Southern California Edison Company
SCS Sustainable Communities Strategy

SF square feet
SF₆ sulfur hexaflouride
SIP state implementation plan

SO₂ sulfur dioxide SO₃ sulfur trioxide SO₄ sulfates

SoCalGas Southern California Gas Company

SO_x sulfur oxides
SP Specific Plan
SR State Route
SR-60 Pomona Freeway
SR-83 Euclid Avenue

SRA Source Receptor Area

SWPPP Storm Water Pollution Prevention Plan
SWQMP Storm Water Quality Management Plan
SWRCB Storm Water Resources Control Board

TACs toxic air contaminants
TIA Traffic Impact Analysis

tpy tons per year

TTCP traditional tribal cultural places

TUA traditional use area

USDA United States Department of Agriculture
USEPA United States Environmental Protection Agency
USFWS United States Fish and Wildlife Service

UTRs utility tractors

UWMP Urban Water Management Plan

VdB velocity levels expressed in decibel notation

VMT vehicle miles travelled
VOC volatile organic compounds
WDR Waste Discharge Requirements
WFA Water Facilities Authority

Williamson Act California Land Conservation Act of 1965

WQC Water Quality Certification

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