

VIII. Acronyms and Abbreviations

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µg	microgram
µg/m ³	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2020–2045 RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
AAM	annual arithmetic mean
AB	Assembly Bill
ACC II	Advanced Clean Cars II
ACM	asbestos-containing material
ADA	Americans with Disabilities Act
ADPA	Archaeological Data Preservation Act
ADT	average daily traffic
afy	acre-feet per year
AFY	acre-feet per year
AIM	advance infrastructure mitigation
Air Basin	South Coast Air Basin
ALS	advanced life support
ALUC	Airport Land Use Commission
APC	area planning commission
Appendix G	CEQA Guidelines Appendix G
AQMP	air quality management plan

AR4	IPCC Fourth Assessment Report
AR5	IPCC Fifth Assessment Report
Archaeological Report	<i>Archaeological Resources Assessment Memo for the 2159 Bay Street Project</i>
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ASTM Standard E1527-13	<i>ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process</i>
ATCMs	airborne toxic control measures
BACT	best available control technology
BAU	business-as-usual
BEP	business emergency plan
BEV	battery electric vehicle
bgs	below ground surface
BLS	basic life support
BMP	best management practice
BNSF	Burlington Northern Santa Fe
Bureau of Engineering	Department of Public Works, Bureau of Engineering
C ₂ H ₄ F ₂	1,1-Difluoroethane
CA FID UST	California Facility Inventory Database—Underground Storage Tank
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
Cal OES	California Office of Emergency Services
CalARP	California Accidental Release Prevention
CalEEMod	California Emissions Estimator Model [®]
Cal-EMA	California Emergency Management Agency
Cal-EPA	California Environmental Protection Agency

CalGEM	California Geologic Energy Management Division
CALGreen	California Green Building Standards
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model, version 4
Cal-OSHA	California OSHA
CalRecycle	California Department of Resources Recycling and Recovery
CalSTA	California State Transportation Agency
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	climate adaptation strategy
CAT	climate action team
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFA	California Department of Food and Agriculture
CDR	carbon dioxide removal
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CEUS	commercial end-use survey
cf	cubic feet
CF ₄	Tetrafluoromethane
CFC	California Fire Code
CFR	Code of Federal Regulations
CH ₂ FCF ₃	1,1,1,2-Tetrafluoroethane
CH ₄	methane

CHC	Cultural Heritage Commission
CHF ₃	Fluoroform
CHMIRS	California Hazardous Material Incident Report System
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CI	carbon intensity [Section IV.E, Greenhouse Gas Emissions]
CI	compression ignition [Section IV.A, Air Quality]
City Freeway Guidance	Interim Guidance for Freeway Safety Analysis
City	City of Los Angeles
Climate Registry	California Climate Action Registry
CNEL	community noise equivalent level
CNG	compressed natural gas
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
Community Plan	Central City North Community Plan
COMPSTAT	crime control model computer statistics
Cortese List	Hazardous Waste and Substances Sites
County Flood Control	Los Angeles County Flood Control District
CPTED	crime prevention through environmental design
CPUC	California Public Utilities Commission
CRA/LA	Community Redevelopment Agency of the City of Los Angeles
CRHR	California Register of Historic Resources
CTC	California Transportation Commission
CTMP	construction traffic management plan
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act

CWC	California Water Code
dB	decibels
dba	A-weighted decibels
Delta	Sacramento–San Joaquin River Delta
DLA	designated local authority
DNL	day-night average noise level
DOE	United States Department of Energy
DOF	California Department of Finance
DOGGR	Division of Oil, Gas, and Geothermal Resources
DOSH	Division of Occupational Safety and Health
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
Dry Utility Report	<i>2159 Bay Street Dry Utility Due Diligence Report</i>
DTSC	Department of Toxic and Substance Control
du	dwelling units
DWR	Department of Water Resources
EDR	Environmental Data Resources, Inc.
EHLF	emergency helicopter landing facility
EIA	U.S. Energy Information Administration
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMD	emergency management department
EMFAC	EMission FACtor
EMFAC2017	EMFAC 2017 model
EMMA	emergency managed mutual aid
EMS	emergency medical service
EOC	emergency operation center
EOO	emergency operations organization

ERO	electric reliability organization
ERP	emergency response plan
ESA	2016 Phase I Environmental Site Assessment
EVSE	electric vehicle supply equipment
EWMP	enhanced watershed management program
FED	functional equivalent document
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIND	Facility Information Database
FIRM	flood insurance rate map
FIS	flood insurance study
FPS	fire preemption system
Framework Element	City of Los Angeles General Plan Framework Element
FTA	Federal Transit Administration
General Plan	City of Los Angeles General Plan
Geotechnical Assessment	<i>Preliminary Geotechnical Assessment</i>
GHG	greenhouse gas
GIS	geographical information system
GoBiz	Governor's Office of Business and Economic Development
gpd	gallons per day
gpm	gallons per minute
Green New Deal	Green New Deal I Sustainability Plan 2019
GSA	groundwater sustainability agency [Section IV.G, Hydrology and Water Quality]
GSPs	groundwater sustainability plans
GWh	gigawatt-hours
GWP	global warming potential

H ₂ S	hydrogen sulfide
HASP	health and safety plan
HazMat	hazardous materials
HAZNET	Permits Listing, and Facility and Manifest Data
HBCC	Hill Brothers Chemical Company
HCM	historic-cultural monument [Section IV.B, Cultural Resources]
HCS	historic context statement
HDV	heavy-duty vehicles
HFCs	hydrofluorocarbons
HIST UST	Hazardous Substance Storage Container Database— Underground Storage Tank
HMGP	hazard mitigation grant program
HMIS	hazardous material identification system
HMMP	hazardous material management program
HMTA	Hazardous Materials Transportation Act
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HRA	health risk assessment
HSC	Health and Safety Code
HVAC	heating/ventilation/air conditioning
HWCL	Hazardous Waste Control Law
Hz	hertz
I-10	Santa Monica Freeway
I-5	Golden State Freeway
IFC	International Fire Code
IFFAR	Information of Fire Flow Availability Report
IIPP	injury and illness prevention program
in/sec	inches per second
IPCC	United Nations Intergovernmental Panel on Climate Change

IRP	integrated water resources plan
ITE	Institute of Transportation Engineers
kWh	kilowatt-hours
LA Green Plan/ClimateLA	<i>Green LA, An Action Plan to Lead the Nation in Fighting Global Warming</i>
LACoFD	Los Angeles County Fire Department
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department
LARWQCB	Los Angeles Regional Water Quality Control Board
LATC	Los Angeles Transportation Center
LAUSD	Los Angeles Unified School District
LBP	lead-based paint
lbs/day	pounds per day
LCFS	low carbon fuel standard
L _{dn}	day-night average sound level
LDV	light duty vehicles
LED	light-emitting diode
LEV	low-emission vehicle
LID Handbook	<i>Development Best Management Practices Handbook, Low Impact Development Manual, Part B: Planning Activities</i>
LID Ordinance	Citywide Low Impact Development Ordinance
LID	low-impact development
L _{max}	maximum noise levels
LOS	level of service
LST	localized significance thresholds

LTCP	long-term conservation plan
LUST	leaking underground storage tank
Mandatory Reporting Rule	Mandatory Reporting of Greenhouse Gas Emissions
MATES-IV	Multiple Air Toxics Exposure study
MDV	medium duty vehicles
Metro	Los Angeles County Metropolitan Transportation Authority
mg/cm ²	milligram per square centimeter
Mitigation Memo	Potential Mitigation Measures Memorandum
MLD	most likely descendant
MMBtu	million British thermal units
MMT	million metric tons
MMTCO _{2e}	million metric tons of carbon dioxide equivalents
Mobility Plan	Mobility Plan 2035
MPD	multiple property documentation
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MPP	LADOT Manual of Policies and Procedures
MRR	Mandatory Reporting of Greenhouse Gas Emissions
MS4	municipal separate storm sewer system
Mutual Aid Plan	California Fire Service and Rescue Emergency Mutual Aid Plan
MW	megawatts
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hours
MXD	mixed-use development
N/A	not applicable
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards

NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NERC	North American Electric Reliability Corporation
NF ₃	nitrogen trifluoride
NFA	no further action
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHMLA	Natural History Museum of Los Angeles County
NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO ₂	nitrogen dioxide
NOI	notice of intent
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O ₃	ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OFFROAD	Off-Road Emissions Inventory Program
OHP	Office of Historic Preservation
OHR	Office of Historic Resources
One Water LA Plan	One Water LA 2040 Plan
OPR	Office of Planning and Research
Ordinance	Flood Hazard Management Ordinance
OSHA	Occupational Safety and Health Administration
OVA	organic vapor analyzer
Pb	lead

PCBs	polychlorinated biphenyls
PeMS	performance measurement system
PFCs	perfluorocarbons
PGA	priority growth area
Phase I ESA	Phase I Environmental Site Assessment
Phase II Investigation	Limited Phase II Subsurface Investigation
PHEV	plug-in hybrid electric vehicle
PHMSA	Pipeline and Hazardous Materials Safety Administration
Plan for a Healthy Los Angeles	City of Los Angeles General Plan Health and Wellness Element
PM _{2.5}	fine particulate matter ≤ 2.5 microns
PM ₁₀	particulate matter ≤ 10 microns
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
PRPA	Paleontological Resources Preservation Act
psi	pounds per square inch
PVC	polyvinyl chloride
Q ₅₀ cfs	Volumetric flow rate of a 50-year storm event measured in cubic feet per second
RASS	residential appliance saturation survey
RCRA	Resource Conservation and Recovery Act
RECs	recognized environmental conditions
Redevelopment Area	Hollywood Redevelopment Project Area
Redevelopment Plan	Hollywood Redevelopment Plan
res	residents
RFS	renewable fuel standard
RHNA	regional housing needs assessment
rm	rooms

RMS	root mean square
ROG	reactive organic compounds
RPS	renewables portfolio standard
RSPA	Research and Special Programs Administration
RTP	regional transportation plan
RTP/SCS	regional transportation plan/sustainable community strategies
RWQCB	regional water quality control board
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element
SAR	Second Assessment Report [Section IV.E, Greenhouse Gas Emissions]
SAR	service advisory report [Section IV.J.1, Public Services—Fire Protection]
SAR	service advisory request [Section IV.M.1, Utilities and Service Systems—Water Supply and Infrastructure]
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
SDWA	Safe Drinking Water Act
Secretary's Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
SEMS	standard emergency management system
sf	square feet
SF ₆	sulfur hexafluoride
SFHA	special flood hazard area
SGC	Strategic Growth Council
SGMA	Sustainable Groundwater Management Act

SIP	state implementation plan
SLCP	short-lived climate pollutant
SLF	sacred lands file
SMP	soil management plan
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SO _x	sulfur oxides
SPCC	spill prevention control and countermeasures
SRAs	source receptor areas
SRTS	safe routes to schools
stu	students
Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey
SUSMP	standard urban stormwater mitigation plan
Sustainable pLAn 2019	City of Los Angeles' Green New Deal
SVP	Society for Vertebrate Paleontology
SWEEPS UST	Statewide Environmental Evaluation and Planning System— Underground Storage Tank
SWP	state water project
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
TAG	transportation assessment guidelines
TBZ	travel behavior zones
T _c	time of concentration
TCMs	transportation control measures
TCR Report	<i>Tribal Cultural Resources Report</i>
TDF	travel demand forecasting

TDM	transportation demand management
TDS	total dissolved solids
TMDL	total maximum daily load
TNM	traffic noise model
TOC	transit-oriented communities
TOD	transit-oriented development
TPA	transit priority area
tpd	tons per day
TPH	total petroleum hydrocarbons
Transportation Assessment	<i>2159 Bay Street Project Transportation Assessment</i>
TSCA	Toxic Substances Control Act
UFC	Uniform Fire Code
ULAR	Upper Los Angeles River
ULARA	Upper Los Angeles River Area
UNFCCC	United Nations Framework Convention on Climate Change
US-101	Hollywood Freeway
US-101	Santa Ana Freeway
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
UWMP	urban water management plan
VCP	voluntary cleanup properties
VMT Calculator	City of Los Angeles VMT Calculator Version 1.3
VMT	vehicle-miles traveled

VOCs	volatile organic compounds
W	watts
Water Board	State Water Resources Control Board
Water Quality Compliance Master Plan	Water Quality Compliance Master Plan for Urban Runoff
Water Resources Technical Report	<i>2159 Bay Street Technical Report: Water Resources</i>
Water Utility Report	<i>2159 Bay Street Utility Infrastructure Technical Report: Water</i>
WDR	waste discharge requirement
WEAP	Worker Environmental Awareness Program
Wh	watt-hours
WRD	Water Replenishment District of Southern California
WSA	water supply assessment
WSAP	water supply allocation plan
WSDM Plan	water surplus and drought management plan
WSV	water supply verification
WTCP	worksite traffic control plan
ZEV	zero-emission vehicle
ZI	zoning information
ZNE	zero net energy