

Chapter 11
Acronyms and Abbreviations

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2009 RACT SIP	2009 Reasonably Available Control Technology Demonstration for Ozone State Implementation Plans
2016 EIR	Draft Environmental Impact Report and Final Environmental Impact Report for the Grapevine Project
2016 MMRP	Grapevine Mitigation Monitoring and Reporting Program
2016 Roadway HRA	<i>Diesel Particulate Matter Health Risk Assessment of Interstate-5 Freeway</i>
2018 RTP/SCS	Update to the 2014 Regional Transportation Plan/Sustainable Communities Strategy
A	Exclusive Agriculture (Zoning District)
AADT	annual average daily traffic
AAQS	Ambient air quality standards
AB	Assembly Bill
ACE	Affordable Clean Energy
ACM	Asbestos-Containing Material
ADT	Average Daily Trips
AEA	Additional Environmental Analysis
AIR	<i>Association of Irrigated Residents v. Kern County Board of Supervisors, et al</i>
ALUCP	Airport Land Use Compatibility Plan
amsl	Above Mean Sea Level
ANSI	American National Standards Institute
APCD	Air Pollution Control District
BMP	Best Management Practice
BNLL	Blunt-Nosed Leopard Lizard
BNSF	Burlington North Santa Fe
BPS	Best Performance Standards
CAA	(Federal) Clean Air Act
CAAA	1990 Clean Air Act Amendments

CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Division of Occupational Safety and Health
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standard Code
CALGreen Code	California Green Building Standards Code
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CC&R	Conditions, Covenants, and Restriction
CCAA	California Clean Air Act of 1988
CCCC	California Climate Change Center
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CEC	California Energy Commission
Center	Center for Biological Diversity
Central Valley RWQCB or CVRWQCB	Central Valley Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CH ₄	Methane
CHP	California Highway Patrol
CL	Cluster
CMA	Congestion Management Agency
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
CNRA	California Natural Resources Agency
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent

COG	Council of Governments
CUPA	Certified Unified Program Agency
CVEF	Commercial Vehicle Enforcement Facility
CWA	Clean Water Act
dB	Decibel
dBA	A-Weighted Decibel Scale
DEIR	Draft Environmental Impact Report
DMC	Development Mitigation Contract
DOC	California Department of Conservation
DOE	U.S. Department of Energy
DOGGR	(California) Division of Oil, Gas and Geothermal Resources
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
DWR	California Department of Water Resources
EA	Exclusive Agriculture
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMF	Electromagnetic Fields
EO	Executive Order
EPA	United States Environmental Protection Agency
EV	electric vehicle
EVSE	Electric Vehicle Supply Equipment
Extreme OADP	Extreme Ozone Attainment Demonstration Plan
FAA	Federal Aviation Administration
FC	Floodplain Combining District
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FPP	Floodplain Primary (Combining District)
FPS	Floodplain Secondary (Combining District)
FR	Federal Register
FTA	Federal Transit Administration

FTIP	Federal Transportation Improvement Program
FVF	Future vehicle fleet
GAMAQI	Guidance for Assessing and Mitigating Air Quality Impacts
GET	Golden Empire Transit
GH	Geologic Hazards Combining District
GHAD	Geologic Hazard Abatement District
GHG	Greenhouse Gas
GO 95	California Public Utilities Commission General Order 95
GPA	General Plan Amendment
GWP	Global Warming Potential
H ₂ O	Water
H ₂ S	Hydrogen Sulfide
HAPs	Hazardous Air Pollutants
HCM	Highway Capacity Manual
HDPE	High-density polyethylene
HEPA	High-Efficiency Particulate Air
HFC	Hydrofluorocarbon
HMBP	Hazardous Material Business Plan
HRA	Health Risk Assessment
HVAC	Heating, Ventilation, and Air Conditioning
HWCA	Hazardous Waste Control Act
Hz	Hertz
I	Industrial
I-5	Interstate 5
ICR	internal capture rate
IS	Initial Study
ISR	Indirect Source Review
ITE	Institute of Transportation Engineers
KCEHD	Kern County Public Health Services Department, Environmental Health Division
KCFD	Kern County Fire Department
KCGP	Kern County General Plan
KCWA	Kern County Water Agency
Kern COG	Kern Council of Governments

KernCOG model	Kern County Council of Governments (KernCOG) 2014 Regional Transportation Plan/Sustainable Communities Strategy Travel Demand Model
kV	Kilovolt
kWh	Kilowatt Hours
LAFCO	Local Agency Formation Commission
L _{dn}	Day – Night Average Sound Level
L _{eq}	Equivalent Sound Level
LID	Low Impact Development
L _{max}	Maximum Sound Level
L _{min}	Minimum Sound Level
L _n	Percentile Noise Level
LOS	Level of Service
LRA	Local Responsibility Area
MACT	Maximum Achievable Control Technology
Map Act	California Subdivision Map Act
MD	Master Developer
MDAB	Mojave Desert Air Basin
MFR	Multifamily Residential Combining District
MGD	Million Gallons per Day
MMRP	Mitigation, Monitoring, and Reporting Program
MOA	Memorandum of Agreement
MT	Metric Tons
MTBE	Methyl Tertiary Butyl Ether
MTR	Military Training Route
MU	Mixed Use
N ₂ O	Nitrous Oxide
N ₂ O	Nitrous oxides
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NAHC	Native American Heritage Commission
NCP	National Contingency Plan
NESHAPs	National Emission Standards for Hazardous Air Pollutants
<i>Newhall</i>	<i>Center for Biological Diversity v. Department of Fish and Wildlife</i>
NF ₃	Nitrogen Trifluoride

NFPA	National Fire Protection Association
NHTSA	National Highway Traffic Safety Administration
Nickel Agreement	2001 water transfer agreement with KCWA and the Nickel Family LLC
NIEHS	National Institute of Environmental Health Sciences
NIOSH	National Institute for Occupational Safety and Health
NOP	Notice of Preparation
NO _x	Nitrogen Oxides
NWS	National Weather Service
O ₃	Ozone
OA	Open Area
OEHHA	Office of Environmental Health Hazard Assessment
°F	Degrees Fahrenheit
OPR	Office of Planning and Research
OS	Open Space
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyls
PEIR	Program Environmental Impact Report
PFC	Perfluorocarbon
PG&E	Pacific Gas and Electric Company
Phase I ESA	Phase I Environmental Site Assessment
PM ₁₀	Particulate Matter 10 microns or less in diameter
PM _{2.5}	Particulate Matter 2.5 microns or less in diameter
PMc	Particulate matter coarse fraction
ppb	Parts Per Billion
ppm	Parts Per Million
PPV	Peak Particle Velocity
PRC	Public Resources Code
project	Grapevine Project
PSR/PDS	Project Study Report-Project Development Support
PVC	Polyvinyl Chloride
Ranchwide Agreement	Conservation and Land Use Agreement
RCRA	Resource Conservation and Recovery Act
RHNA	Regional Housing Needs Assessment
RMS	Root Mean Square

ROG	Reactive Organic Gases
RPS	Renewable Portfolio Standard
RTP	Regional Transportation Plan
RV	Recreational Vehicle
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAB	South Coast Air Basin
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SF ₆	Sulfur Hexafluoride
<i>Sierra Club</i>	<i>Sierra Club v. County of Fresno</i> , (2018) 6 Cal.5th 502
SIP	State Implementation Plan
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SJVR	San Joaquin Valley Railroad
SMP	Soil Management Plan
SO ₄ ²⁻ , SO ₃ or SO ₄	Sulfates
SO _x	Sulfur Oxides
SP	Special Planning (Zoning District)
SPCC	Spill Prevention, Control, and Countermeasure
SR	State Route
SRA	State Responsibility Area
SREIR	Supplemental Recirculated Environmental Impact Report
SWHA	Swainson's Hawk
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminant
TCM	Transportation Control Measure
TCWD	Tejon-Castac Water District
TDF	Travel Demand Forecasting
TDM	Transportation Demand Management
TEPP	Transportation Emergency Preparedness Program
TMA	Transportation Management Association
TPH	Total Petroleum Hydrocarbons
TRCC	Tejon Ranch Commerce Center

TUMSHCP	Tehachapi Uplands Multiple Species Habitat Conservation Plan
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
Updated 27.8% HBW ICR	original Final EIR analysis for the 27.8 percent ICR for Home Based Work trips with updated trip generation rates
UPRR	Union Pacific Railroad
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
VdB	Vibration Decibels
VERA	Voluntary Emission Reduction Agreement
VMT	Vehicle Miles Traveled
VMU	Village Mixed Use
VOC	Volatile Organic Compounds
VRPs	Visibility-reducing particles
WWTF	Wastewater Treatment Facility
WWTP	Wastewater Treatment Plant
ZCC	Zone Code Change
ZEV	Zero-Emission Vehicle
ZNE	Zero Net Energy