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**LIST OF ACRONYMS**

AASHTO	American Association of State Highway and Transportation Officials
AB	Assembly Bill
ACE	Altamont Commuter Express
ACHP	Advisory Council on Historic Preservation
af	acre-feet
af/y	acre feet per year
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act
ALUC	Airport Land Use Commission
ARB	California Air Resources Board
ATIS	Advanced Traveler Information Systems
ATMS	Advanced Traffic Management Systems
AVCS	Advanced Vehicle Control Systems
BART	Bay Area Rapid Transit
BMOs	Basin Management Objectives
BMPs	best management practices
BOD	biological oxygen demand
BP	before present
BP	Business Park land-use designation
BRT	bus rapid transit
business plans	hazardous materials release response plans and inventories
C	Commercial land-use designation
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CalARP	California Accidental Release Prevention
California EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CCAA	California Clean Air Act of 1988
CCIC	Central California Information Center
CCR	California Code of Regulations
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CDPH	California Department of Public Health
CEC	California Energy Commission
Central Valley RWQCB	Central Valley Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CERCDC	California Energy Resources Conservation and Development Commission
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CESA	California Endangered Species Act
CFR	Code of Federal Regulations

cfs	cubic feet per second
CGC	California Government Code
CH <sub>4</sub>	methane
CHSC	California Health and Safety Code
CIP	City's Capital Improvement Program
City	City of Modesto
CIWMB	California Integrated Waste Management Board
CMP	congestion management program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CoIWMP	county integrated waste management plan
Corps	U.S. Army Corps of Engineers
County	Stanislaus County
County General Plan	<i>Stanislaus County General Plan</i>
CPD	Comprehensive Planning District
CPTED	Crime Prevention Through Environmental Design
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSMP	Comprehensive Stormwater Management Program
CTR	California Toxics Rule
CVO	Commercial Vehicle Operation
CWA	Clean Water Act
cy	cubic yards
dB	Decibel
dBA	A-Weighted Decibel
DBCP	dibromochloropropane
DFG	California Department of Fish and Game
DHS	California Department of Health Services
DOC	California Department of Conservation
DOF	California Department of Finance
DPH	Department of Public Health
DSWAP	Drinking Source Water Assessment Program
DTSC	Department of Toxic Substances Control
du/net acre	dwelling units per net acre
DWR	California Department of Water Resources
EDB	Ethylene dibromide
EFH	essential fish habitat
EIR	environmental impact report
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act

FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FMP	facilities master plan
FPD	Fire Protection District
FTIP	Federal Transportation Improvement Program
GAC	granular activated charcoal
GHGs	greenhouse gases
GPA	General Plan Amendments
gwh	gigawatt-hours
HCFCs	halogenated fluorocarbons
HCP	habitat conservation plan
HFCs	hydrofluorocarbons
HUD	Housing and Urban Development
HWCA	Hazardous Waste Control Act
I	Industrial land-use designation
I-5	Interstate 5
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
ISO	Insurance Service Office
ITS	Intelligent Transportation Systems
IWMP	integrated waste management plan
JPA	joint powers authority
kwh	kilowatt-hours
LAFCo	Local Agency Formation Commission
LAX	Los Angeles International Airport
$L_{dn}$	day-night sound level
$L_{eq}$	equivalent sound level
LESA	Land Evaluation and Site Assessment
LID	Low Impact Development
$L_{min}$ and $L_{max}$	minimum and maximum sound levels
LOS	level of service
$L_{xx}$	Exceedance Sound Level
MAC	Municipal Advisory Council
Master EIR	master environmental impact report
MAX	Modesto Area Express



MBTA	Federal Migratory Bird Treaty Act
MCLs	Maximum Contaminant Levels
mgd	million gallons per day
MID	Modesto Irrigation District
MLD	Most Likely Descendent
MNDs	Mitigated Negative Declarations
MOA	Memorandum of Agreement
MOE	measures of effectiveness
mph	miles per hour
MRWTP	Modesto Regional Water Treatment Plant
MRZs	Mineral Resource Zones
MS4	Municipal Separate Storm Sewer Systems
MSR	municipal services review
MTBE	methyl tertiary butyl ether
MU	Mixed-Use land use designation
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAG	Noise Assessment Guidelines
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO <sub>2</sub>	nitrogen dioxide
NOP	notice of preparation
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
O <sub>3</sub>	ozone
OES	California Office of Emergency Services
OPR	Office of Planning and Research
OS	Open Space designation
PCAs	possible contaminating activities
PCE	tetrachloroethylene
pCi/l	picoCuries per liter
PDIS	Peak Discharge Impact Study
PFCs	perfluorinated carbons
PG&E	Pacific Gas & Electric Company
PLATO	planning law analysis and test organizer
PM <sub>10</sub>	particulate matter 10 microns or less in diameter
PM <sub>2.5</sub>	particulate matter 2.5 microns or less in diameter
POD	Pedestrian-oriented design

Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppm	parts per million
PRC	Public Resources Code
Priority 1P	crimes in progress
proposed project	UAGP Amendment
R	Residential land-use designation
RAP	remedial action plan
RC	Regional Commercial land-use designation
RCRA	Resource Conservation and Recovery Act
Reclamation	State Board of Reclamation
REMOVE	Reduce Motor Vehicle Emissions
ROGs	reactive organic gases
RPD	Redevelopment Planning District designation
RTIP	regional transportation improvement program
RTP	regional transportation plan
RTPA	regional transportation planning agency
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendment and Reauthorization Act
SB	Senate Bill
SCP	Salida Community Plan designation
SDWA	Safe Drinking Water Act
Secretary	Secretary of the California Environmental Protection Agency
SHPO	State Historic Preservation Officer
SIPs	State Implementation Plans
SJV	San Joaquin Valley
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SMARA	Surface Mining and Reclamation Act of 1975
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxide
SPCC	spill prevention, control and countermeasure
SPRR	Southern Pacific Railroad
SR	State Route
SRRE	source reduction and recycling element
SRRF	Stanislaus Resource Recovery Facility
StanCOG	Stanislaus Council of Governments
StaRT	Stanislaus Regional Transit
STIP	State Transportation Improvement Program
SWMP	stormwater management program
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
SWSP	Surface Water Supply Project
TACs	toxic air contaminants

TAZs	traffic analysis zones
TCE	trichloroethylene
TCM	transportation control measure
TDM	Transportation Demand Management
TID	Turlock Irrigation District
TMDL	Total Maximum Daily Load
TPPG	Transportation Planning Partnership Group
TPPG Model	TPPG countywide travel demand model
TRRP	Tuolumne River Regional Park
TRRP Master Plan	<i>Tuolumne River Regional Park Master Plan</i>
UAGP	<i>City of Modesto Urban Area General Plan</i>
UBC	Uniform Building Code
UIC	Underground Injection Control
UMWP	<i>Urban Water Management Plan</i>
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USTs	underground storage tanks
UWMP	<i>2005 Joint Urban Water Management Plan</i>
v/c	vehicle/capacity
VB	Village Residential with Business Park
VELB	valley elderberry longhorn beetle
VMT	vehicle miles of travel
VHT	vehicle hours of travel
VHD	vehicle hours of delay
VR	Village Residential land-use designation
WDRs	waste discharge requirements
Williamson Act	California Land Conservation Act of 1965
WPP	Wellhead Protection Program
WSA	Water Supply Assessment
WWCS	Wastewater Collection System
µg/l	micrograms per liter
µg/m <sup>3</sup>	per cubic meter