

#### **TABLE OF CONTENTS**

<u>SE</u>	<u>CHON 8</u>	K IIILE	PAGE NUMBER
1	INTRO	ODUCTION AND OVERVIEW	
	1.1	Basis for and Purposes of the Specific Plan and SEIR	
	1.2	CEQA Review Process	1-1
	1.3	Regulatory Setting	1-3
	1.4	CEQA Guidelines and Determination of Impact Significance	1-3
	1.5	Mitigation Monitoring and Reporting	
	1.6	Affordable Housing Compliance	1-4
	1.7	Notice of EIR Preparation	1-5
2	EXEC	UTIVE SUMMARY	2-1
	2.1	Purposes of this Draft Subsequent EIR	2-1
	2.2	Alternatives to the Proposed Project	2-1
	2.3	Areas of Controversy and Issues to be Resolved	
	2.4	Summary of Impacts and Mitigation Measures	
3	PROJ	ECT DESCRIPTION	
	3.1	Project Location and Surrounding Land Uses	
	3.2	Project History and Purpose	
	3.3	Project Elements and Scope	
	3.4	Proposed Objectives	
	3.5	Description of Project Elements	
	5.5	3.5.1 Residential and Workforce Housing	
		3.5.2 Gas Pump Island and Convenience Store	
		3.5.3 Parking	
		3.5.4 Sanitation and Reuse	
		3.5.5 Energy and Communication	
		3.5.6 Water Supply Facilities	
		3.5.7 Water Storage Facilities	
		3.5.8 Tioga Inn Hotel	
		3.5.9 Full Service Restaurant	
		3.5.10 Solid Waste Facilities	3-7
		3.5.11 Stormwater Drainage	
		3.5.12 Roads, Circulation and Access	
		3.5.13 Fire Protection	
	3.6	Proposed Parcel Revisions	3-9
	3.7	Project Design	
	3.8	Project Phasing and Grading	3-9
	3.9	Discretionary Actions and Required Permits	
	3.10	Incorporation by Reference and Related Actions	3-11

TIO	GA INN AMENDED SPECIFIC PLAN	4.1
4.1	Introduction to Specific Plan Amendment #3	4-1
4.2	Specific Plan History and Background	4-1
	4.2.1 Original Approval and Amendments	4-1
	4.2.2 1995 Specific Plan Amendment #1	4-2
	4.2.3 1997 Specific Plan Amendment #2	4-2
	4.2.4 2012 Director Review 12-007/Tioga Inn Kitchen Expansion	
	4.2.5 Tioga Inn Specific Plan Proposed Amendment #3	
4.3	Format of Tioga Specific Plan Amendment #3	
4.4	Proposed Tioga Specific Plan Amendment #3	• •
	4.4.1 Introduction	
	4.4.2 Project Description	
	4.4.3 Environmental Setting	
	4.4.4 Specific Plan Goals, Policies and Implementation Programs	
	4.4.5 Master Sign Program	
	4.4.6 Financing the Specific Plan	4-30
FN۱	VIRONMENTAL BASELINE AND IMPACT ANALYSIS	5.1-1
5.1	Geology and Soils	
5.2	Hydrology, Water Supplies and Wastewater Treatment	_
5.3	Biological Resources	
5.4	Cultural Resources	
5.5	Land Use, Recreation & Relevant Planning	
5.6	Population, Housing & Employment	
5.7	Public Health and Safety, Hazards and Hazardous Materials	_
5.8	Public Services, Energy and Utilities	
5.9	Traffic & Circulation	
5.10		
5.11	,	
5.12		•
5.12	Acstrictics and Lighting	
CUI	MULATIVE IMPACTS	
6.1	Introduction and Summary	
6.2	General Plan Cumulative Impact Assessment	
6.3	Related Projects	
6.4	Cumulative Impacts	6-1
AL7	ΓERNATIVES	7-1
7.1	Introduction and CEQA Requirements	7-1
7.2	NOP Comments on Alternatives and Project Modifications	
, 7⋅3	Factors Guiding Selection of Alternatives	
7.4	Selection of Alternatives	
7.5	Assessment of Project Alternatives	•
7.5 7.6	Environmentally Superior Alternative	_
7.0	Environmentally Soperior Alternative	
CD	OWTH INDUCING IMPACTS	8-1
GRO	L. L. CECAR :	8-1
8.1	Introduction and CEQA Basis	
8.1 8.2	Discussion	
8.1		
8.1 8.2 8.3	Discussion	8-3
8.1 8.2 8.3	Discussion	8-3

10 MITIGA	TION MEASURES AND MONITORING10-1
10.2   10.3   10.4	CEQA Basis
11 REPOR	T PREPARERS, PERSONS CONSULTED11-1
12 BIBLIO	GRAPHY AND REFERENCE LIST12-1
APPENDI	CES
Appendix A1 Appendix A2 Appendix B Appendix C Appendix D Appendix E1 Appendix E2 Appendix F Appendix G Appendix H Appendix I Appendix J1 Appendix J2 Appendix K Appendix L Appendix M Appendix N Appendix O	Notice of EIR Preparation (NOP) Comment Letters received on the October 2016 NOP 2012 Director Review 12-007, Tioga Inn Kitchen Expansion 1991 GeoSoils, Inc. Geologic Investigation 1992 Groundwater Assessment and GeoSoils Peer Review by Kleinfelder 2017 SGSI Well Test Technical Memorandum 2019 SGSI Supplemental Technical Memorandum RCI Peer Review of 2017 Well Test Memorandum SGSI response to the RCI peer review LRWQCB withdrawal of NOP request for a Jurisdictional Delineation Biological Assessment Archaeological Report Native American Heritage Commission Correspondence Federal Aviation Administration Letter of Determination Traffic Impact Analysis Air Quality Assessment Noise Assessment Minor Level Visual Assessment

Significant Irreversible Environmental Changes ......9-2

9.3



#### **LIST OF TABLES**

<b>TABL</b>	<u>.E</u>	PAGE #
CECT	TION INTRODUCTION	
SECI	TION 1.0 – INTRODUCTION	
1-1	Tioga Inn Specific Plan, Proposed Modifications & Changes since 2016 Notice of Preparation .	
1-2	Comments Received on the 2016 Notice of EIR Preparation	1-6
SECT	ION 2.0 – EXECUTIVE SUMMARY	
2-1	Summary of Tioga Workforce Housing Project Impacts and Mitigation Measures	2-3
SECT	TION 3.0 – PROJECT DESCRIPTION	
3-1	Discretionary Status of Project Elements	2-2
3-2	Tioga Specific Plan Existing, Approved and Proposed Land Uses and Acreages	
3-3	Minimum Parking Standards	
3-4	Road Standards	_
3-5	Proposed Changes in Open Space Acreage	
3-6	Proposed Changes in Parcel Acreage	
3-7	Use of the Subsequent EIR by Other Agencies	
SECT	TION 4.0 – TIOGA INN AMENDED SPECIFIC PLAN	
4-1	Original 1993 Tioga Inn Specific Plan Approved Uses and Parcel Sizes	4-1
4-2	Changes Approved in Tioga Inn by 1995 Specific Plan Amendment #1	-
4-3	Changes Approved in Tioga Inn by 1997 Specific Plan Amendment #2	
4-4	2012 Director Review 12-007/Tioga Inn Kitchen Expansion	
4-5	Tioga Inn Existing, Approved and Proposed Land Uses and Acreages	
4-6	1993 Specific Plan and Proposed Amendment #3 Parcel Sizes	
4-7	Proposed Changes in Open Space Acreage	4-13
4-8	1993 Specific Plan Project Phasing	4-14
4-9	Lee Vining Area Census Data	4-16
4-10	Conceptual Landscaping Standards	4-25
4-11	Tioga Specific Plan Amendment #3 Plant Palette	
4-12	Road Standards	4-29
SECT	ION 5.0 – ENVIRONMENTAL BASELINE AND IMPACT ANALYSIS	
5.1	Geology and Soils	
5.1-1	Active Faults in the Study Region	4.2-5
5.2	<u>Hydrology, Water, Wastewater</u>	
5.2-1	Beneficial Uses of Surface Waters of the Mono Hydrologic Unit	5.2-4
5.2-2	Dams and Reservoirs above Mono Lake	5.2-7
5.2-3	Water Quality Objectives for Certain Water Bodies, Mono Hydrologic Unit	5.2-16
5.2-4	Low Impact Development Features of the Tioga Workforce Housing Project	

5.2-5	Projected Impacts from the Discharge of Project Wastewater (mgl)	
5.2-6	Potential Effect of Project Groundwater Production on Lee Vining Creek	5.2-26
5.3	Biological Resources	
5.3-1	Special Status Plant Species that Potentially Occur at the Project Site	5.3-3
5.3-2	Project Area Plant Communities that were Mapped during 2017	
5·3·3	Non-Native Species Observed in the Survey Area in 2017	
5·3·4	Special Status Wildlife Species that may Occur in the Proposed Site	
5.3-5	Summary of Acreages Impacted by Tioga Workforce Housing Project	
5.3-6	Biological Issues, Opportunities, Constraints identified in Conservation/Open Space Element	
5·3-7	Biological Resource Protection Policies of Conservation and Open Space Element	
5.4	<u>Cultural Resources</u>	
5.4-1	Cultural Resource Goals & Policies, Mono Basin National Forest Scenic Area Plan, Community Pl	an 5.4-7
5.5	Land Use, Recreation and Planning	
5.5-1	Mono Basin National Forest Scenic Area Management Plan Guidelines for Inyo National Forest	5-5
5.5-2	Recreational Facilities in the Project Area	5.5-9
5-5-3	Non-Motorized Trail and Recreational Issues in Mono County	
5.5-4	Trail Plan Priorities for the Mono Basin	5.5-10
5-5-5	Project Comparison with Countywide General Plan Land Use Issues/Opportunities/Constraints	5.5-15
5.5-6	General Plan Land Use Issues/Opportunities/Constraints in the Mono Basin	5.5-16
5.5-7	Mono Basin Community Plan Applicable Goals, Policies and Actions	5.5-17
5.5-8	Lee Vining Airport Issues, Opportunities and Constraints	
5.5-9	Proposed Changes in Open Space Acreage	5.5-25
5.6	Population, Housing & Employment	
5.6-1	Mono Basin Demographic Characteristics as of 2010	
5.6-2	2010 Demographic Characteristics – Lee Vining and Mono County	
5.6-3	Persons per Unit for Rental and Owner Households	
5.6-4	Bedrooms per Unit – All Households	-
5.6-5	Occupancy and Overcrowding in Unincorporated Mono County Households	
5.6-6	2012-2016 Housing Tenure in Mono County, Lee Vining CDP and Mono City CDP	
5.6-7	Estimate of Tioga Workforce Housing Residential Bedrooms by Number and Percent	
5.6-8	Estimate of Tioga Workforce Housing Residential Unit Distribution	
5.6-9	Tioga Workforce Housing Population Estimates	
5.6-10	Department of Finance Population Projections by Community Areas, 2010-2040	
5.6-11	Comparison of 2001 and 2015 Maximum Build-Out Estimates, Mono County & Mono Basin	5.6-11
5.6-12	Existing and Projected Employment on the Tioga Project Site	
5.6-13	Mono County Employment Total and Top Employment Sectors, 2016	5.6-13
5.7	Health, Safety and Hazards	
5.7-1	CalFire Fire Safe Regulations – PRC §4290 and §4291	
5.7-2	Mono County Chapter 22 Fire Safe Regulations	
5.7-3	Air Safety Zones – Lee Vining Airport	
5.7-4	Zone 6 Airport Land Use Compatibility Guidelines	
5-7-5	Vulnerability of Mono Basin to Hazards	
5.7-6	Dams and Reservoirs on Lee Vining Creek	5.7-24
5.8	Public Services, Energy and Utilities	
5.8-1	Age Distribution of Tioga Workforce Housing Residents	
5.8-2	Estimated Square Footage of Tioga Workforce Housing Units	5.8-8

5.9	<u>Traffic and Circulation</u>	
5.9-1	Tioga Specific Plan Private Road Standards	5.9-2
5.9-2	Minimum Project Parking Standards	5.9-3
5.9-3	Average Daily Traffic Volumes on Surrounding Highways	5.9-3
5.9-4	Forecast Vehicle Miles Travelled	5.9-10
5.10	Air Quality and Greenhouse Gases	
5.10-1	Per Capita GHG, 2005 and 2010, Unincorporated Areas	5.10-5
5.10-2	Adopted Emissions Significance Thresholds	
5.10-3	Construction Activity Equipment Fleet 100 Workforce Housing Units & 4 Vehicle Fueling Pumps	
5.10-4	Construction Activity Equipment Fleet Roadway Realignment and Parking Areas	-
5.10-5	CalEEMod Construction Activity Equipment Fleet Replacement Water Tanks	-
5.10-6	CalEEMod Construction Activity Equipment Fleet New Propane Tank	
5.10-7	CalEEMod Construction Activity Equipment Fleet New Sanitation and Irrigation System	-
5.10-8	Construction Activity Maximum Daily Emissions 2023	
5.10-9	Daily Operational Impacts of the Tioga Workforce Housing Project	-
5.10-10	2023 Construction Emissions	
5.10-11	Operational Emissions associated with Proposed Uses	
5.10 11	Operational Emissions associated with Foposed Oses	5.10 14
5.11	Noise	
5.11-1	Annual Average Daily Traffic and Peak Hour Traffic	5.11-2
5.11-2	Average Vehicle Noise Levels	
5.11-3	Average Daily Traffic Volumes on Nearby Highways	
5.11-4	Lee Vining Airport Aircraft and Operations Forecast 2000-2020	
5.11-5	Average Aircraft Noise Levels	
5.11-6	Onsite Noise Levels and Traffic Counts 2013-2033	
5.11-7	Project Site Ambient Noise Measurements, October 2018	
5.11-8	Maximum Allowable Exterior Noise Levels per Mono County Code	
5.11-9	Maximum Short-Term Noise Levels for Operation of Mobile Equipment	
5.11-10	Maximum Noise Levels for Operation of Stationary Equipment	
5.11-11	Noise Levels at 50-Foot Reference Point	-
5.11-12	Distance between Residential Areas and Project Construction	-
5.11-13	Construction Equipment Noise Levels at Closest Residence	
5.11-14	Traffic Noise Impacts	
5.12	Aesthetics	
-	1993 Tioga Inn Specific Plan Design Implementation Measures	E 12 (
5.12-1 5.12-2	Mono Basin National Forest Scenic Area Comp. Plan Summary & Visual Resource Prescriptions	5.12 <sup>-</sup> 4
•	Caltrans Visual Impact Assessment Questionnaire and Responses	
5.12-3	Tioga Project Compliance with Scenic Combining District Regulations	
5.12-4	rioga Project Compilance with Scenic Combining District Regulations	5.12-20
SECTI	ON 6.o – CUMULATIVE EFFECTS	
6.1	Potential Cumulative Effects of the Tioga Workforce Housing Project	6.2
SECTI	ON 7.0 – ALTERNATIVES	
7.1	Comparison of Project Alternatives with Proposed Project	7-7
•		
	ON 9.0 – UNAVOIDABLE, IRREVERSIBLE ENVIRONMENTAL EFFEC	
9-1	Sections of the EIR that Address Long-Term Project Impacts	
9-2	Potentially Significant Project Impacts	9-1

SECTION 10.0 – MITIGATION MONITORING AND REPORTING PROGRAM			
10-1Δ	Mitigations that will Reduce Impacts to below Significant Levels, Enforced by Mono County		

10-1A	Mitigations that will Reduce Impacts to below Significant Levels, Enforced by Mono County10-
10-1B	Mitigations that will Not Reduce Impacts below Significant Levels, Enforced by Mono County 10-10
10-2	Mitigations that are the Responsibility of Public Agencies other than Mono County 10-12
10-3	Optional Mitigation Recommendations



### **LIST OF EXHIBITS**

EXHIBIT		PAGE #	
SECT	TION 3.0 – PROJECT DESCRIPTION		
3.1	Regional Location Map	2-1	
3.2	Mono Lake Public Lands		
3.3	Tioga Workforce Housing Project Plan and Site Context Map		
SECT	TION 4.0 – SPECIFIC PLAN		
4.1	Site Context Map	2-1	
T'-		=	
SECT	TION 5.0 – ENVIRONMENTAL BASELINE AND IMPACT ANALYS	IS	
5.1	Geology and Soils		
5.1-1	Faults in the Site Vicinity	5.1-3	
5.1-2	Conceptual Grading Plan		
5.2	<u>Hydrology, Water, Wastewater</u>		
5.1-1	Conceptual Drainage Plan	5.2-28	
3		3	
5.3	Biological Resources		
5.3-1	Plant Communities in Private Lands where Tioga Workforce Housing & Infrastructure are		
5.3-2	Onsite Extend of the Single Masonic Rockcress		
5.3-3	Approximate Study Area Arrangement of Dense Brewer's Sparrow Breeding Territories		
5.3-4	Locations where Widening of Beechey ground squirrel burrows was Attributed to America		
5.3-5	Corridor to be Maintained as Open Space		
5.3-6	Open Space Plan	5.3-22	
5.5	Land Use, Recreation and Planning		
5.5-1	Aerial Overview of Project Location and Existing Uses	5.5-2	
5.5-2	Land Use Designations in the Mono Basin		
5.5-3	Mono Basin National Forest Scenic Area Boundaries	5.5-4	
5.5-4	1993 Specific Plan Land Use Plan	5.5-12	
5.5-5	Specific Plan Amendment #3 Proposed Land Use Plan	5.5-26	
5.6	Population, Housing and Employment		
5.6-1	Transient Occupancy Tax Revenues 2008-2011, June Lake and Lee Vining	5.6-3	
-			
5.7	Health, Safety and Hazards		
5.7- <del>1</del>	Lee Vining Airport Safety Zones	5.7-20	
5.9	Traffic and Circulation		
5.9-1	Caltrans Easement Acquisition Area	5 0-2	
, , , –			

5.11	<u>Noise</u>	
5.11-	-1 Noise Monitoring Locations	5.11-5
<b>5</b> 40	Aasthatics	
5.12		
5.12-	USFS Forest Plan Places with Unique Scenic Resources	5.12-8
5.12-	-2 Mono Basin National Forest Scenic Area Boundary Map	5.12-9
5.12-	Existing Site View from US 395 at Picnic Groups Road	5.12-11
5.12-	-4 Existing Site View from Epic Cafe Parking Lot	5.12-12
5.12-	5 Existing Site View from South Tufa Beach	5.12-12
5.12-	-6 Photosimulation from US 395 at Picnic Grounds Drive	5.12-23
5.12-	-7 Photosimulation from Epic Cafe Parking Lot	5.12-24
5.12-	-8 Photosimulation from South Tufa Beach	5.12-25



#### **ACRONYMS & ABBREVIATIONS**

A

AAQS Ambient Air Quality Standards
ADA Americans with Disabilities Act
ADC Alternative Daily Cover (for landfills)

ADT Average Daily Traffic

AF/AFY Acre-feet; acre-feet per year

ALS Advance Life Support

ALUC Airport Land Use Commission

ALUP Airport Land Use Plan

AQMP Air Quality Management Plan

ARB California Air Resources Board (also referred to as 'CARB')

ARP California Accidental Release Program

AST Above-Ground Storage Tanks
ATP Active Transportation Program

B

**BACM** Best Available Control Measures

**Basin Plan** Water Quality Control Plan prepared by the Calif. Water Quality Control Board

BFE Base Flood Elevation
BGS Below Ground Surface

**Bi-State DPS**Bi-State Distinct Population Unit of the Greater Sage Grouse

**BLM** Bureau of Land Management

**BLS** Basic Life Support

BMP Best Management Practices
BOD Biological Oxygen Demand

BOP Battery, Oil and Paint (a waste recycling term)

BTA Bicycle Transportation Account
BTP Bicycle Transportation Plan

C

CAA Clean Air Act

CalEPA California Environmental Protection Agency

CalarP/RMP California Accidental Release Prevention and Risk Management

**CALFIRE** California Dept. of Forestry and Fire Protection

CalRecycle California Department of Resources Recycling and Recovery

**Caltrans** California Department of Transportation

CAO Cleanup and Abatement Order
CASP California Aviation System Plan

CBSC California Building Standards Code (also referred to as 'CBC')

**CCPI** Cooperative Conservation Partnership Initiative

**CCR** California Code of Regulations

CC&R Homeowner Covenants, Conditions and Restrictions

CDD Community Development Department (Mono County)

**CDF** California Department of Forestry

CDFA California Department of Food and Agriculture

**CDFW** California Department of Fish and Wildlife (formerly Fish and Game)

**CDO** Cease and Desist Order

**CDOC** California Department of Conservation

CDP Census Designated Place
CEC California Energy Commission

CEPEC California Earthquake Prediction Evaluation Council

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

CESA California Endangered Species Act
CEQA California Environmental Quality Act

cfsCubic feet per secondCFRCode of Federal RegulationsCGCCalifornia Government CodeCGSCalifornia Geological SurveyCHPCalifornia Highway Patrol

CHRIS California Historical Resources Information System
CIWMA California Integrated Waste Management Act
CIWMB California Integrated Waste Management Board

CNDDB California Natural Diversity Data Base
CNPS California Native Plant Society

CO Carbon Monoxide

COD Chemical Oxygen Demand
CO₂e Carbon dioxide equivalent
COG Council of Governments

CPH Chains per hour, a measure of the rate of fire spread (1 chain is equal to 66 feet)

CRHR California Register of Historic Places
CRV California Redemption Value

CS Service Commercial, a land use designation

CSA Community Service Area

CSP Conservation Stewardship Program
CTC California Transportation Commission

CTR California Toxics Rule CUP Conditional Use Permit

**CUPA** Certified Unified Program Agency

**CURES** Coalition for Unified Recreation in the Eastern Sierra

CWA Clean Water Act of 1972

CWPP Mono County Community Wildfire Protection Plan

D

DBH Diameter at breast height (tree diameter)
DFG California Department of Fish and Game
DHS California Department of Health Services
DMG California Division of Mines and Geology
DOF California Department of Finance
DOT U. S. Department of Transportation
DPH Mono County Department of Public Health

DPS/DPU Distinct Population Segment/Distinct Population Unit
DTSC California Department of Toxic Substances Control

E

**ECSZ** Eastern California Shear Zone

**ECTPP** Eastern California Transportation Planning Partnership

EIR Environmental Impact Report

EIS Environmental Impact Statement, prepared under the National Environmental Policy Act

EMS Emergency Medical Services
EMT Emergency Medical Technician

**EOC Emergency Operations Center** Emergency Operations Plan **EOP** 

United States Environmental Protection Agency **EPA Environmental Quality Incentives Program EQUIP** 

**Endangered Species Act ESA** Eastern Sierra Land Trust **ESLT** 

Eastern Sierra Regional Fire Safe Council **ESRFSC** 

**ESTA** Eastern Sierra Transit Authority

F

Federal Aviation Administration; Federal Aviation Regulations FAA/FAR

**FEMA** Federal Emergency Management Agency

**FESA** Federal Endangered Species Act **FHSZ** Fire hazard severity zone **FHWA** Federal Highway Administration

**FLPMA** Federal Land Policy and Management Act

**FPD** Fire Protection District

**FPPA** Farmland Protection Policy Act

**Fps** Feet per second

**FRA** Federal Railroad Administration

FRI Fire return interval

Forest Resource Assessment Program **FRAP FRPP** Farm and Ranch Lands Protection Program

FTA Federal Transit Administration

**FTIP** Federal Transportation Improvement Program

G

**'g'** Gravitational acceleration rate

**GBVAB** Great Basin Valleys Air Basin ('Great Basin') **GBUAPCD** Great Basin Unified Air Pollution Control District

**GPD** Gallons per day

**GPLUE** General Plan Land Use Element GRP Grazing Reserve Program

GSA Groundwater Sustainability Agency **GSP** Groundwater Sustainability Plan

Н

HA Hydrologic Area, used in the LRWQCB Basin Plan

HCP Habitat Conservation Plan **HHWE** Household Waste Element HOA Homeowners' Association

HSC Health and Safety Code of California

ΗU Hydrologic Unit, used in the LRWQCB Basin Plan

**HWME** Hazardous Waste Management Element

**ICLEI** Local governments for sustainability

IIP Caltrans' Interregional Improvement Program

INF Inyo National Forest

**IPM** Integrated Pest Management

Insurance Service Office (insurance credit rating) ISO **IRWMP** Integrated Regional Water Management Plan

ITIP Interregional Transportation Improvement Program

Integrated Waste Management Plan **IWMP** 

J

**JESD** Round Valley Joint Elementary School District JLCAC June Lake Citizens Advisory Committee

**LADWP** Los Angeles Department of Water and Power **LAFCO Local Agency Formation Commission LCMMP** Land Cover Mapping and Monitoring Project LED

Light Emitting Diode

**LEED** Leadership in Energy and Environmental Design

Landfill Gas LFG

**LGOP** Local Government Operations Protocol

LID Low Impact Development

LOS Level of Service LRA Local Responsible Area

**LRWQCB** California Water Quality Control Board-Lahontan Region

LTC **Local Transportation Commission** 

M

MAD Mosquito Abatement District

MAP-21 Moving Ahead for Progress in the 21st Century

MCL Maximum Contaminant Levels

**MCMWTC** Marine Corps Mountain Warfare Training Center (in Sonora Pass)

MEA Master Environmental Assessment MPO Metropolitan Planning Organization

MRZ Mineral Resource Zone (formerly 'MRA' – Mineral Resource Area)

Mean Sea Level MSL

MTCO₂e Metric tons of carbon equivalent emissions

μg/m<sup>3</sup> Micrograms per cubic meter of air

N

NAAQS National Ambient Air Quality Standards

**NDFE** Non-Disposal Facility Element

National Incident Management System NIMS **NFIP** National Flood Insurance Program **NFWF** National Fish and Wildlife Foundation

NOP Notice of EIR Preparation

NOx Nitrogen Oxides

NHP Natural Habitat Protection, a land use designation National Pollution Discharge Elimination System **NPDES** 

NRCS Natural Resources Conservation Service

NTR National Toxics Rule

**NVUM** National Visitor Use Monitoring

0

**OES** Office of Emergency Services OHV Off-Highway Vehicles **OHWM** Ordinary High Water Mark

OPR California Governor's Office of Planning and Research

**OSHA** Occupational Safety and Health Act

P

PCB Polychlorinated biphenyls Paradise Fire Protection District **PFPD** 

PM Particulate Matter; PM10 is particulates no more than 10 microns in diameter, and PM2.5, is

very fine particulates measuring no more than 2.5 microns in diameter

POU Publicly-owned Utility
PPM Parts per Million
PRC Public Resources Code

PUC Public Utilities Commission, Public Utilities Code

PUD Public Utilities District

R

RCD Resource Conservation District

RCRA Resource Conservation and Recovery Act of 1976
RE Resource Extraction, a land use designation

REP Resource Efficiency Plan
RFA Recreation Facility Analysis

**RMH** Rural Mobile home, a land use designation **RPAC** Regional Planning Advisory Committee

RTP Regional Transportation Plan

**RWQCB** Regional Water Quality Control Board-Lahontan

S

SAFETEA-LU Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users

SARA Superfund Amendments and Reauthorization Act of 1986

SCE Southern California Edison

SCS Sustainable Communities Strategy
SDC Seismic Design Criteria set by Caltrans

SDWA Safe Drinking Water Act

Semi-clustered Sort of clustered

SEMS Standard Emergency Management System

SFHA Special Flood Hazard Areas

SGMA Sustainable Groundwater Management Act of 2014

SHMP State Multi-Hazard Mitigation Plan
SHPO State Historic Preservation Office
SIP State Implementation Plan

SJVAPCD San Joaquin Valley Air Pollution Control District

SMARASurface Mining and Reclamation ActSMGBState Mining and Geology BoardSNCSierra Nevada Conservancy

**SNARL** Sierra Nevada Aquatic Research Laboratory

**SOx** Sulfur oxides

**SOP** Standard Operating Procedure

SR State Route

**SRA** State Responsibility Area (a high fire hazard zone)

SRRE Source Reduction and Recycling Act

SRTP Short Range Transit Plan
SSRE Solid Waste Recover Element

STIP State Transportation Improvement Program

SWE Snow Water Equivalent SWL Static Water Level

SWQCBCalifornia Water Quality Control BoardSWPPPStormwater Pollution Prevention Plan

T

T A measure of soil transmissivity
TCP Timber Conversion Permit

TDA California Transportation Development Act
TDM Transportation Demand Management

TDS **Total Dissolved Solids** THP Timber Harvest Plan **TMDL** Total Maximum Daily Load TOC **Total Organic Carbon** Town of Mammoth Lakes TOML TPZ **Timberland Production Zones** TRI Toxic Release Inventory **TSCA** Toxic Substances Control Act

**TSD** Commercial Treatment Storage Disposal

U

UCCE University of California Cooperative Extension

**USACE** U.S. Army Corps of Engineers

**USDA** United States Department of Agriculture

**USFS** United States Forest Service

USFWS United States Fish and Wildlife Service
USGCRP U.S. Global Change Research Program
USGS United States Geological Survey
UST Underground Storage Tank
UWMP Urban Water Management Plan

V

**VHFHSZ** Very high fire hazard severity zones

VMT Vehicle Miles Travelled
VOC Volatile organic compounds

W

WDR Waste Discharge Requirements
WHIP Wildlife Habitat Incentives Program

WRP Wetland Reserve Program
WUI Wildland Urban Interface
WWTP Wastewater Treatment Plant

Y

YARTS Yosemite Area Regional Transit System

Z

**ZOB** Zone of Benefit, a LAFCO designation for areas served by a county service district.