



Loomis Costco Recirculated Draft Environmental Impact Report

Prepared for:



Town of Loomis

December 2019

DRAFT

Prepared for:

Town of Loomis
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- C Biological Resources Reports and Arborist Report
- D Noise Monitoring and Modeling
- E Traffic Study
- F Cultural Resources Inventory
- G Geotechnical Report
- H Environmental Site Assessments

Acronyms and Other Abbreviations

°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
2007 SIP	State Strategy for the State Implementation Plan for Federal PM _{2.5} and 8-Hour Ozone Standards
1987 Manual	USACE's 1987 <i>Corps of Engineers Wetlands Delineation Manual</i>
Arid West Regional Supplement	2008 <i>Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)</i>
2014 Scoping Plan Update	First Update to the Climate Change Scoping Plan: Building on the Framework
2017 Scoping Plan Update	California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target
AB	Assembly Bill
ADMRT	Air Dispersion Modeling and Risk Tool
AERMOD	American Meteorological Society/U.S. EPA Regulatory Model
ANSI	American National Standards Institute
APCD	Air Pollution Control District
ARB	California Air Resources Board
ATC	Authority to Construct
Attainment and Progress Plan	Sacramento Regional 2008 National Ambient Air Quality Standard 8-Hour Ozone Attainment and Reasonable Further Progress Plan
BACT	best available control technology
BMP	best management practice
Btu	British thermal unit(s)
C-2	Retail Business
CAA	federal Clean Air Act
CAAA	federal Clean Air Act Amendments of 1990
CAAQS	California ambient air quality standards
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emission Estimator Model
CALGreen Code	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CC	Central Commercial
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act of 1970
CFR	Code of Federal Regulations
CG	General Commercial (zoning)

cm	centimeter(s)
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
County	Placer County
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibels
dbh	diameter at breast height
DEIR	draft environmental impact report
Delta	Sacramento–San Joaquin Delta
DPM	diesel particulate matter
DTSC	California Department of Toxic Substances Control
EIR	environmental impact report
EPA	U.S. Environmental Protection Agency
ESA	environmental site assessment
FEIR	final recirculated environmental impact report
FEMA	Federal Emergency Management Agency
FHWA-RD-77-108	FHWA Highway Noise Prediction Model
FTA	Federal Transit Administration
GC	General Commercial (General Plan designation)
General Plan	Town of Loomis General Plan
GHG	greenhouse gas
gpm	gallon(s) per minute
GWh	gigawatt-hours
GWP	global warming potential
HAP	hazardous air pollutant
HI	hazard index
HQ	hazard quotient
HVAC	heating, ventilation, and air conditioning
I-80	Interstate 80
in/sec	inches per second
kBtu	thousand British thermal units
lb/day	pound(s) per day
LDL	Larson Davis Laboratories
LED	light-emitting diode
L _{eq} [h]	A-weighted equivalent sound level
LOS	level of service
LRA	Local Responsibility Area
MACT	maximum available control technology

MBTA	Migratory Bird Treaty Act
MEIR	Maximum exposed individual resident
MEIW	Maximum exposed individual worker
mg/m ³	milligrams per cubic meter
mgd	million gallons per day
MMRP	mitigation monitoring and reporting program
MOE	measure of effectiveness
MPO	metropolitan planning organization
MS4	Municipal Separate Storm Sewer System
MT	metric tons
MTP	Metropolitan Transportation Plan
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NHTSA	National Highway Traffic Safety Administration
NO ₂	nitrogen dioxide
NOP	notice of preparation
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	U.S. Natural Resources Conservation Service
OPR	Governor's Office of Planning and Research
PCAPCD	Placer County Air Pollution Control District
PCSD	Placer County Sheriff's Department
PCWA	Placer County Water Agency
PG&E	Pacific Gas & Electric Company
Placer County Environmental Health	Placer County Environmental Health Department
PM	particulate matter
PM ₁₀	respirable particulate matter with an aerodynamic diameter of 10 micrometers or less
PM _{2.5}	fine particulate matter with an aerodynamic diameter of 2.5 micrometers or less
PMI	Point of Maximum Impact
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppb	parts per billion
ppm	parts per million
PPV	peak particle velocity
PRC	California Public Resources Code
psi	pound(s) per square inch
PVC	polyvinyl chloride
REC	recognized environmental condition
REL	reference exposure level
Reporting Rule	Greenhouse Gas Reporting Rule
RH	High Density Residential (zoning)
RM-5	Medium Density Residential (zoning)

RMH	Residential–Medium-High Density (General Plan designation)
RMS	root-mean-square
RUCS	Rural-Urban Connection Strategy
R-Value	energy efficiency rating
RWQCB	Regional Water Quality Control Board
SACOG	Sacramento Area Council of Governments
SB	Senate Bill
SCH	State Clearinghouse
SCS	Sustainable Community Strategy
SEL	sound equivalent level
SFNA	Sacramento Federal Nonattainment Area
SIP	state implementation plan
SO ₂	sulfur dioxide
SO _x	oxides of sulfur
SPMUD	South Placer Municipal Utility District
SPWA	South Placer Wastewater Authority
State CEQA Guidelines	California Environmental Quality Act Guidelines
SVAB	Sacramento Valley Air Basin
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCCR	Transportation Corridor Concept Report
Town	Town of Loomis
TRUs	transport refrigeration units
tdbh	trunk diameter at breast height
UP	Use Permit Required
USACE	U.S. Army Corps of Engineers
USC	United States Code
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UTM	Universal Transverse Mercator
UWMP	urban water management plan
VdB	vibration decibels
VMT	vehicle miles traveled
VOC	volatile organic compound
WRSL	Western Regional Sanitary Landfill
WS	Wetland Swales
WTP	water treatment plant
WWTP	wastewater treatment plant

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