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## Appendices

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## ACRONYMS AND ABBREVIATIONS

µg/l	micrograms per liter
µg/m <sup>3</sup>	micrograms per cubic meter
µS/cm	microsiemens per centimeter
2030 General Plan	<i>City of Live Oak 2030 General Plan</i>
AB	Assembly Bill
ADT	average daily trips
ADWF	average dry weather flow
AEP	annual exceedance probability
AFA	acre-feet per annum
afy	acre feet per year
AMI	Area Median Income
ANSI	American National Standards Institute
APS	alternative-planning strategy
AQAP	Air Quality Attainment Plan
ARB	California Air Resources Board
ASTM	American Society for Testing and Materials
ATCM	Airborne Toxics Control Measure
BAC	Bollard Acoustical Consultants
BACT	best available control technology for toxics
BCAG	Butte County Association of Governments
BMP	best management practice
BP	Before Present
BSC	Building Standards Commission
btu	British thermal units
C/F	coagulation/pyroclucite media filtration
CAA	Federal Clean Air Act
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CAAQS	California ambient air quality standards
CaCo <sub>3</sub>	calcium carbonate
Cal EMA	California Emergency Management Agency
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Protection Agency
CalARP	California Accidental Release Prevention Program
CALINE4	California Line Source Dispersion Model
Caltrans	California Department of Transportation
CALVENO	California vehicle noise
CBC	California Building Code
CBSC	California Building Standard Code
CCAA	California Clean Air Act

CCR	California Code of Regulations
CDC	California Department of Conservation, Division of Land Resource Protection
CDPH	California Department of Public Health
CEC	California Energy Commission
Centers	Neighborhood Centers and Civic Centers
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CESA	California Endangered Species Act
cfs	cubic feet per second
CGS	California Geological Survey
CH <sub>4</sub>	methane
CHABA	Committee of Hearing, Bio Acoustics, and Bio Mechanics
CHP	California Highway Patrol
City	City of Live Oak
CIWMA	California Integrated Waste Management Act
CIWMB	California Integrated Waste Management Board
CLOMR	Conditional Letters of Map Revision
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
Cortese-Knox-Hertzberg Act	Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000
CPTED	Crime Prevention through Environmental Design
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CTR	California Toxics Rule
CUPA	certified unified program agency
CVFPB	Central Valley Flood Protection Board
CVP	Central Valley Project
CVRWQCB	Central Valley Regional Water Quality Control Board
CWA	Clean Water Act
dB	decibel
dB/DD	decibels per doubling of distance
dBA	A-weighted dB
DBCP	1,2-Dibromo-3-chloropropane
dbh	diameter at breast height
DEIR	draft environmental impact report
DFG	California Department of Fish and Game
DHS	California Department of Health Services
Director	Director of Public Works

DO	dissolved oxygen
DSMP	District System Management Plan
DTSC	California Department of Toxic Substances Control
du	dwelling units
DWR	California Department of Water Resources
EDB	1,2-Dibromoethane
EIP	Early Implementation Project
EIR	environmental impact report
ELI	Extremely Low Income
EPA	U.S. Environmental Protection Agency
ESA	federal Endangered Species Act
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FICON	Federal Interagency Committee on Noise
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FPP	Farmland Protection Program
FPPA	Farmland Protection Policy Act
FRA	Federal Railroad Administration
FRAQMD	Feather River Air Quality Management District
FTA	Federal Transit Administration
GC	Government Code
GHG	greenhouse gas
GMP	Groundwater Management Plan
GP	General Plan
gpm	gallons per minute
GPU	General Plan Update
gWh	gigawatt hours
GWI	groundwater infiltration
HAP	hazardous air pollutant
HCP	Habitat Conservation Plan
HFC	hydrofluorocarbon
HSC	California Health and Safety Code
HUD	U.S. Department of Housing and Urban Development
Hz	Hertz
I-5	Interstate 5
IBC	International Building Code
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
KDAnderson	KDAnderson & Associates, Inc.

ksf	thousand square feet
kWh	kilowatt hours
L.O.M.A.	Letter of Map Amendment
L.O.M.R.	Letter of Map revision
LAFCO	Local Agency Formation Commission
lb	pounds
lb/day	pounds per day
LCFS	Low Carbon Fuel Standard
L <sub>dn</sub>	Day-Night Noise Level
LEED®	Leadership in Energy and Environmental Design
L <sub>eq</sub>	Equivalent Noise Level
LID	low impact development
L <sub>max</sub>	Maximum Noise Level
L <sub>min</sub>	Minimum Noise Level
LOFD	Live Oak Fire Department
LOMR	Letters of Map Revision
LOS	Level of Service
LOUSD	Live Oak Unified School District
L <sub>x</sub>	Statistical Descriptor
MACT	maximum available control technology for toxics
maf	million acre-feet
MBTA	Migratory Bird Treaty Act
mcf	thousand cubic feet
MCL	maximum contaminant level
MG	million gallons
mg/l	milligrams per liter
MGD	million gallons/day
MLD	Most Likely Descendent
MMT	million metric tons
MMT CO <sub>2e</sub> /yr	million metric tons of carbon dioxide equivalent emissions per year
mph	miles per hour
MPO	metropolitan planning organization
MRL	method reporting limit
MS4	National Pollutant Discharge Elimination System General Permit for Small Municipal Separate Storm Sewer System
MT	metric tons
MTBE	methyl tertiary butyl ether
MTP	Metropolitan Transportation Plan
MUN	Municipal and domestic supply
N <sub>2</sub> O	nitrous oxide
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission

NAWQA	National Water Quality Assessment
NCCP	Natural Community Conservation Plan
NCHRP	National Cooperative Highway Research Program
NCIC	North Central Information Center
NECPA	National Energy Conservation Policy Act
NEIC	Northeast Information Center
NESHAP	national emissions standards for HAP
ng/L	nanograms per liter
NHPA	National Historic Preservation Act
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NO <sub>3</sub>	nitrogen trioxide
NOI	notices of intent
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
NRPA	National Recreation and Park Administration
NSVAB	Northern Sacramento Valley Air Basin
NTR	National Toxics Rule
O&M	operation and maintenance
OES	Office of Emergency Services
OMR	Office of Mine Reclamation
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
ozone	photochemical smog
PCB	polychlorinated biphenyl
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric Company
Plan Area	General Plan Area
Planning Area	City of Live Oak General Plan Planning Area
PM <sub>10</sub>	particulate matter less than or equal to 10 microns in diameter
PM <sub>2.5</sub>	particulate matter less than or equal to 2.5 microns in diameter
PMCL	Primary Maximum Contaminant Level
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1969
ppb	parts per billion
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
psi	per square inch
PUC	California Public Utilities Commission

PURPA	Public Utility Regulatory Policies Act
PVC	poly vinyl chloride
RCRA	Resource Conservation and Recovery Act
RD 2056	Reclamation District No. 2056
RD 777	Reclamation District No. 777
RD 777 WIC	RD 777 West Intercepting Canal
RHNA	Regional Housing Need Assessment
RMS	root mean squared
RNHA	Regional Housing Needs Allocation
ROG	reactive organic gases
RPB	riparian protection buffer
RTP	Regional Transportation Plan
RWD	reports of waste discharge
RWMA	Regional Waste Management Authority
RWQCB	Regional Water Quality Control Boards
SACOG	Sacramento Area Council of Governments
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SARA	Superfund Amendments and Reauthorization Act of 1986
SB	Senate Bill
SBFCA	Sutter Butte Flood Control Agency
SCEA	Sustainable Communities Environmental Assessment
SCHWMP	Sutter County Hazardous Waste Management Plan
SCS	sustainable-communities strategy
SENL	Single Event [Impulsive] Noise Level
sf	square feet
SF <sub>6</sub>	sulfur hexafluoride
SFNA	Sacramento Federal Nonattainment Area
SIP	State Implementation Plan
SMARA	Surface Mining and Reclamation Act
SO <sub>2</sub>	sulfur dioxide
SOI	sphere of influence
SP	service population
SR	State Route
SR 99	State Route 99
SRWP	Sacramento River Watershed Program
State CEQA Guidelines	California Environmental Quality Act Guidelines
SVAB	Sacramento Valley Air Basin
SVP	Society of Vertebrate Paleontology
SWP	State Water Project
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board

TAC	toxic air contaminant
TAZ	traffic analysis zone
TCDD	tetrachlorodibenzo-p-dioxin
TCR	Transportation Concept Reports
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
TPY	tons per year
TRB	Transportation Research Board
TRU	transportation refrigeration unit
TSCA	Toxic Substances Control Act
UC	University of California
UCMP	University of California Berkeley Museum of Paleontology
UNFCCC	United Nations Framework Convention on Climate Change
UPRR	Union Pacific Railroad
URBEMIS	Urban Emissions
USACE	United States Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USC	U.S. Code
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
UTC	Ultimate Transportation Corridor
UWMP	Urban Water Management Plan
VdB	vibration decibels
VELB	valley elderberry longhorn beetle
VLI	Very Low Income
VMT	vehicle miles traveled
WDR	Waste Discharge Requirements
Williamson Act	California Land Conservation Act of 1965
WPA	Works Progress Administration
WWTP	wastewater treatment plant
YSDI	Yuba-Sutter Disposal, Inc.