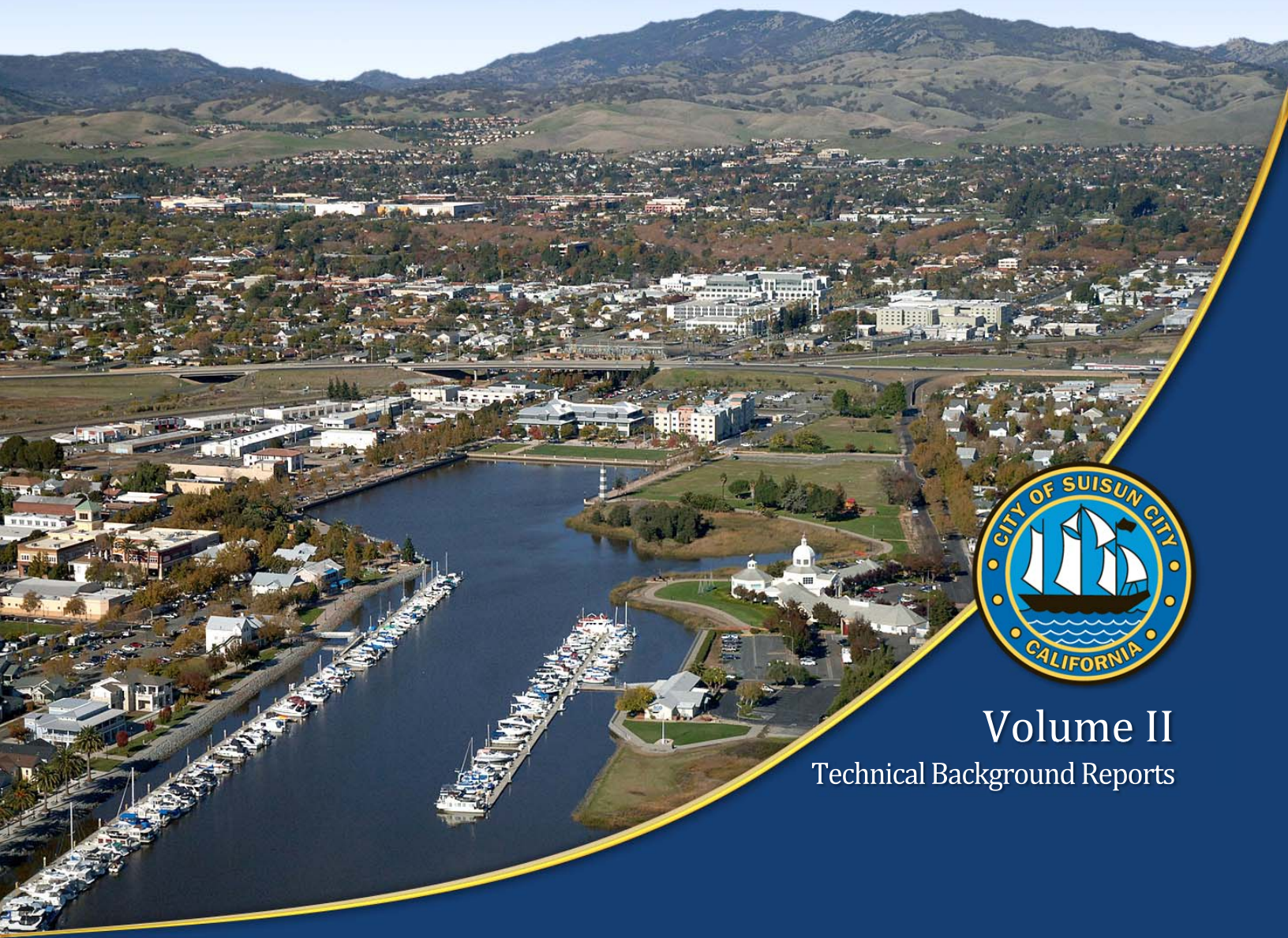


# City of Suisun City

## 2035 General Plan



Volume II  
Technical Background Reports

# City of Suisun City

## 2035 General Plan



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## Acronyms and Abbreviations

ABAG	Association of Bay Area Governments
AC	Advisory Circular
AFB	Air Force Base
APS	Alternative Planning Strategy
ARB	Air Resources Board
ATCM	Airborne Toxics Control Measure
ATSDR	Agency for Toxic Substances and Disease Registry
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit
basin plans	water quality control plans
BAT	Best Available Technology
Bay-Delta	San Francisco Bay/Sacramento–San Joaquin Delta
BMPs	Best Management Practices
BO	biological opinion
BP	before Present
BSC	Building Standards Commission
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAAQS	California ambient air quality standards
Cal OSHA	California Occupational Health and Safety Administration
CALFIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
Calveno	California Vehicle Noise Emission Level
CAP	Clean Air Plan



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CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFCs	chlorofluorocarbons
CFNR	California Northern Railroad
CFNR	California Northern Railroad
CGS	Conservation, Geologic Survey
CH <sub>4</sub>	methane
CHABA	Committee of Hearing, Bio Acoustics, and Bio Mechanics
City	Suisun City
CMA	Congestion Management Agency
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
COR	U.S. Army Corps of Engineers
CUPA	Certified Unified Program Agency
CVP	Central Valley Project
CWA	Clean Water Act
dB	decibel
dBA	A-weighted sound levels
Delta	Sacramento–San Joaquin River Delta
DFG	Department of Fish and Game
DHS	Department of Health Services
diesel PM	diesel particulate matter
DTSC	Department of Toxic Substances Control's
DWR	Department of Water Resources
EFH	essential fish habitat
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
EPA's	Environmental Protection Agency's
ESA	Endangered Species Act





FAA	Federal Aviation Administration
FAR	Federal Aviation Rule
FAST	Fairfield and Suisun Transit
FEMA	Federal Emergency Management Agency
FIP	Federal Implementation Plan
FIRMs	flood insurance rate maps
FRAP	Fire and Resource Assessment Program
FSSD	Fairfield Suisun Sewer District
FSURMP	Fairfield-Suisun Urban Runoff Management Program
FTA	Federal Transportation Administration
GHG	greenhouse gas
GHGs	greenhouse gasses
GWP	global warming potential
HAPs	hazardous air pollutants
HCFCs	hydrochlorofluorocarbons
HFCs	hydrofluorocarbons
high-GWP	high global warming potential
HSC	Health and Safety Code
Hz	hertz
IBC	International Building Code
in/sec	inch per second
IRWMP	Integrated Regional Water Management Plan
$L_{dn}$	Day-Night Average Noise Level
LEHD	Longitudinal Employer Household Dynamics
$L_{eq}$	Equivalent Noise Level
LEV/	Low Emission Vehicle
LID	Low Impact Development
$L_{max}$	Maximum Noise Level
$L_{min}$	Minimum Noise Level
LOP	Local Oversight Program
LSIP	Levee systems Integrity Program
LUCP	Land Use Compatibility Plan
LUPs	Linear Underground/Overhead Projects
$L_x$	Statistical Descriptor
MACT and BACT	maximum or best available control technology for toxics

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MCLs	Maximum contaminant levels
MHI	median household income
MMI	Modified Mercalli Intensity
MMT	million metric tons
MPO	Metropolitan Planning Organization
MPOs	metropolitan planning organizations
MTC	Metropolitan Transportation Commission
MTCO <sub>2</sub> e/yr	metric tons of carbon dioxide equivalent per year
N <sub>2</sub> O	nitrous oxide
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NAL	Numeric Action Levels
NEHRP	National Earthquake Hazards Reduction Program
NEHRPA	National Earthquake Hazards Reduction Program Act
NEL	Numeric Effluent Limitations
NESHAP	national emissions standards for HAPs
NFIP	National Flood Insurance Program
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOAA Fisheries	National Oceanic and Atmospheric Administration Fisheries Service
NOI	Notices of Intent
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWIC	Northwest Information Center
NWP	nationwide permit
O&M	operations and maintenance
ODSs	ozone depleting substances
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHP	Office of Historic Preservation
OMR	Office of Mine Reclamation
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration



OU's	Operable Units
ozone	photochemical smog
PBDE	Polybrominated Diphenyl Ethers
PCBs	Polychlorinated biphenyls
PFCs	perfluorocarbons
PM	particulate matter
PM10	particulate matter
PM2.5	fine particulate matter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppm	parts per million
PPV	peak particle velocity
RCRA	Resource Conservation and Recovery Act
RD	reclamation districts
REAP	Rain Event Action Plan
RELs	reference exposure levels
RMP	Risk Management Plan
RMS	or root-mean-square
ROGs	reactive organic gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
RWQCBs	Regional Water Quality Control Boards
SCFC&WCD	Solano County Flood Control and Water Conservation District
SCS	Sustainable Communities Strategy
SCWA	Solano County Water Agency
SEL	Sound Exposure Level
SF6	sulfur hexafluoride
SFBAAB	San Francisco Bay Area air basin
SHMA	Seismic Hazards Mapping Act
SHMP	Seismic Hazard Mapping Program
SIP	State Implementation Plan
SMGB	State Mining and Geology Board
SMPA	Suisun Marsh Preservation Agreement
SMSHCP	Solano Multi-species Habitat Conservation Plan
SO2	sulfur dioxide
Solano County LAFCO	Solano County Local Agency Formation Commission

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SP	service population
SR 12	State Route 12
SRCD	Suisun Resource Conservation District
SRCD	Suisun Resource Conservation District
STA	Solano Transportation Authority
SWP	State Water Project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
T-BACT	Best Available Control Technology for Toxics
TCE	trichloroethene
TMDL	total maximum daily load
tpy	tons per year
UP	Union Pacific Railroad Company
UPRR	Union Pacific Railroad
US ACOE	US Army Corps of Engineers
USACE	U.S. Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USDA	United States Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geologic Survey
UST	underground storage tank
USTs	underground storage tanks
UWMPs	urban water management plans
VdB	Vibration Velocity
VMT	vehicle miles traveled
VOCs	volatile organic compounds