



VOLUME I  
~~Draft~~ Final Environmental Impact Report  
State Clearinghouse No. 2014061017

# San Joaquin River Conservancy River West Fresno, Eaton Trail Extension Project

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## Acronyms and Other Abbreviations

°F	degrees Fahrenheit
AB	Assembly Bill
ADA	Americans with Disabilities Act
amsl	above mean sea level
APCO	Air Pollution Control Officer
ARB	California Air Resources Board
ASTM	<u>ASTM International</u>
Basin Plan	<i>Water Quality Control Plan for the Sacramento River and San Joaquin River Basins</i>
bgs	below ground surface
bluffs	San Joaquin River Bluffs
BMP	best management practice
BNSF	Burlington Northern Santa Fe
BP	Bluff Preservation
CAA	Clean Air Act
CAAQS	California ambient air quality standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH <sub>4</sub>	methane
City	City of Fresno
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society

CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
Conservancy	San Joaquin River Conservancy
Conservancy Act	San Joaquin River Conservancy Act
County Background Report	<i>Fresno County General Plan Revised Public Review Background Report</i>
CRHR	California Register of Historical Resources
CUPA	Certified Unified Program Agency
CVFPB	Central Valley Flood Protection Board
CWA	Clean Water Act
dB	decibel(s)
dBA	A-weighted decibel(s)
DEIR	draft environmental impact report
<u>diesel PM</u>	<u>diesel particulate matter</u>
DTSC	California Department of Toxic Substances Control
EIR	environmental impact report
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
<u>Fact Sheet</u>	<u>"Environmental Justice at the Local and Regional Level, Legal Background" (California Attorney General's Office fact sheet)</u>
<u>FEIR</u>	<u>final environmental impact report</u>
FEMA	Federal Emergency Management Agency
FMFCD	Fresno Metropolitan Flood Control District
General Plan 2025	<i>2025 Fresno General Plan</i>
General Plan Update 2035	updated <i>Fresno General Plan</i> (approved December 2014)
General WDRs	State Water Board Order No. 2004-0004-DWQ, "Statewide General Waste Discharge Requirements for Dredged or Fill Discharges to Waters Deemed by USACE to be Outside Federal Jurisdiction"
GHG	greenhouse gas
GWP	global warming potential
HRRP	habitat restoration and revegetation plan
HWCL	Hazardous Waste Control Law
K-12	kindergarten through 12th grade
L <sub>dn</sub>	day/night noise level
LED	light-emitting diode
LOS	level of service

MBTA	Migratory Bird Treaty Act
<u>MMRP</u>	<u>mitigation monitoring and reporting program</u>
mph	miles per hour
MPO	metropolitan planning organization
MTCO <sub>2</sub> e	metric tons of carbon dioxide equivalent
NAAQS	national ambient air quality standards
N <sub>2</sub> O	nitrous oxide
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
NOP	notice of preparation
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NTU	nephelometric turbidity unit
O <sub>3</sub>	ozone
OES	Governor's Office of Emergency Services
<u>OEHHA</u>	<u>California Office of Environmental Health Hazard Assessment</u>
Parkway	San Joaquin River Parkway
Parkway Master Plan	<i>San Joaquin River Parkway Master Plan</i>
PM	particulate matter
PM <sub>2.5</sub>	particulate matter equal to or less than 2.5 micrometers in diameter
PM <sub>10</sub>	particulate matter equal to or less than 10 micrometers in diameter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PRC	California Public Resources Code
project	<del>Proposed</del> River West Fresno, Eaton Trail Extension Project
RCRA	Resource Conservation and Recovery Act
Reporting Rule	Final Mandatory Greenhouse Gas Reporting Rule
River	San Joaquin River
ROG	reactive organic gas
RWQCB	regional water quality control board
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
Scoping Plan	<i>Climate Change Scoping Plan</i>
Settlement Act	San Joaquin River Restoration Settlement Act
SIP	State Implementation Plan
SJKF	San Joaquin kit fox
SJRRP	San Joaquin River Restoration Program

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SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SMARA	Surface Mining and Reclamation Act
SO <sub>2</sub>	sulfur dioxide
SR	State Route
<u>State CEQA Guidelines</u>	<u>California Environmental Quality Act Guidelines</u>
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
Task Force Plan	<i>San Joaquin River Parkway Task Force Plan</i>
TMDL	total maximum daily load
<u>Transportation Plan</u>	<u><i>Short Term Transportation Plan (San Joaquin River Parkway and Conservation Trust)</i></u>
USACE	U.S. Army Corps of Engineers
USC	United States Code
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VdB	vibration decibel(s)
VELB	valley elderberry longhorn beetle
WDR	waste discharge requirement



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## Preface

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This final environmental impact report (FEIR) has been prepared for the River West Fresno, Eaton Trail Extension Project (project). Pursuant to Section 15132 of the California Environmental Quality Act Guidelines (State CEQA Guidelines), an FEIR consists of:

- The draft environmental impact report (DEIR) or a revision of the DEIR;
- comments and recommendations received on the DEIR, either verbatim or in summary;
- a list of persons, organizations, and public agencies commenting on the DEIR;
- the responses of the lead agency to significant environmental points raised in the review and consultation process; and
- any other information added by the lead agency.

The San Joaquin River Conservancy (Conservancy) circulated a DEIR to responsible and trustee agencies, the public, and stakeholders for a 45-day review period that ran from February 15, 2017, to April 15, 2017. The Conservancy received comments on the DEIR, and then prepared and circulated a Partially Revised DEIR that was circulated for review from August 17, 2017, to October 2, 2017.

This FEIR for the proposed project includes the DEIR, with revisions made in the circulated Partially Revised DEIR; comments received during both public review periods; the responses to these comments; and appendices and attachments. The FEIR is presented in three volumes:

- **Volume I** of this FEIR, the Revised DEIR, presents the original DEIR as revised by the Partially Revised DEIR, along with some minor changes made to clarify information further. The revisions made in the Partially Revised DEIR are shown in revision mode, with deletions shown with strikethrough (~~strikethrough~~) and additions shown with underlining (underlining) as requested by the Conservancy Board.

The additional minor changes to text made after circulation of the DEIR and Partially Revised DEIR are noted with deletions shown in double strikethrough (~~double strikethrough~~) and additions shown in double underlining (double underlining) to distinguish these recent changes from those changes included in the circulated Partially Revised DEIR. These more recent changes present only minor changes made either as a result of comments received, to clarify text, or to modify text for consistency after the substantive merging of the DEIR and Partially Revised DEIR. These changes are insignificant as the term is used in Section 15088.5(b) of the State CEQA Guidelines and do not require recirculation.

- **Volume II** of this FEIR, the Comments and Responses, presents comment letters (received via U.S. Mail and e-mail), as well as written comments received on comment cards at meetings held on the DEIR and Partially Revised DEIR. Pursuant to Section 15088 of the State CEQA Guidelines, the Conservancy, as lead agency, has reviewed and considered all comments received during both public review periods. Responses to all environmental issues raised are contained in Volume II along with an index of commenters.
- **Volume III** of this FEIR, the Appendices, presents a complete set of the appendices to the merged DEIR and Partially Revised DEIR; all attachments included with comment letters on the DEIR and Partially Revised DEIR; and any appendices relevant specifically to the responses to comments.

This FEIR will be used by the Conservancy (as the lead agency) and any responsible agencies, in conjunction with other information developed in the Conservancy's formal record, to act on the construction and operation of the proposed project.

The Conservancy's documentation associated with consideration and approval of the project will also include a mitigation monitoring and reporting program (MMRP). The MMRP, which will provide the mitigation program that will be adopted by the Conservancy pursuant to Public Resources Code Section 21081.6, will ensure that if the project is developed, all recommended mitigation measures are implemented, thereby minimizing identified environmental effects.