

ABBREVIATIONS

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1995 KWB MOU	Memorandum of Understanding Regarding Operation and Monitoring of the Kern Water Bank Groundwater Banking Program
CEQA Guidelines	Guidelines for Implementation of California Environmental Quality Act
2009 CAS	2009 California Statewide Adaptation Strategy
2015 GAMAQI	<i>Guide for Assessing and Mitigating Air Quality Impacts</i>
°C	degrees Celsius
°F	degrees Fahrenheit
µg/L	micrograms per liter
µmhos	micromhos
µmhos/cm	micromhos per centimeter
AB	Assembly Bill
ADT	average daily traffic
AF	acre-feet
AFO	Analysis of Future Operations
AFO-BC	Analysis of Future Operations—Buildout Conditions
AFO-EC	Analysis of Future Operations—Existing Conditions
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act
APEP	Advanced Pump Efficiency Program
APO	Analysis of Past Operations
ARCO	ARCO Corporate Environmental Remediation
As	arsenic
AST	aboveground storage tank
Ba	barium
BAAQMD	Bay Area Air Quality Management District
basin plan	water quality control plan
BAU	business-as-usual
bgs	below ground surface
BMP	best management practices
BOD	biochemical oxygen demand
B.P.	before present
BPS	Best Performance Criteria Standards
Ca	calcium
Cal EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
CAO	Cleanup and Abatement Order
CAP	Climate Action Plan
CARB	California Air Resources Board
CASGEM	California Statewide Groundwater Elevation Monitoring
CBC	California Building Standards Code
CCR	California Code of Regulations
Cd	cadmium
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife (previously known as the California Department of Fish and Game)
CDPH	California Department of Public Health
CDPR	California Department of Pesticide Regulation
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERS	California Environmental Reporting System
CESA	California Endangered Species Act

CFC	chlorofluorocarbon
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH ₄	methane
CHP	California Highway Patrol
Cl	chloride
CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
COB	City of Bakersfield
COC	constituent of concern, chemical of concern
Corps	United States Army Corps of Engineers
Cr	chromium
CRHR	California Register of Historic Resources
CRPR	California Rare Plant Rank
Cr VI	hexavalent chromium
CTC	California Transportation Commission
CTR	California Toxics Rule
CUPA	California Unified Program Agency
CVC	Cross Valley Canal
CVP	Central Valley Project
CVRWQCB	California Regional Water Quality Control Board, Central Valley Region
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
DBCP	dibromochloropropane
DDW	Division of Drinking Water
DEHP	di(2-ethylhexyl)phthalate
DEIR	draft environmental impact report
Delta	Sacramento-San Joaquin Delta
Department	California Department of Water Resources
DLR	detection limit
DOC	dissolved organic carbon
DOC	California Department of Conservation
DOGGR	California Department of Conservation, Division of Oil, Gas and Geothermal Resources
DOT	United States Department of Transportation
DTSC	California Department of Toxic Substances Control
DTW	depth to groundwater
DWR	California Department of Water Resources
DWR KWB Model	California Department of Water Resources Kern Water Bank Model
EC	electrical conductivity
EDB	ethylene dibromide
EDR	Environmental Data Resources, Inc.
EHSD	Environmental Health Services Department
EIR	environmental impact report
EKAPCD	Eastern Kern Air Pollution Control District
EMI	emissions inventory data
EPA	U.S. Environmental Protection Agency
F	fluoride
Fe	iron
FEIR	Final Environmental Impact Report
FESA	federal Endangered Species Act
FMMP	Farmland Mapping and Monitoring Program
Focused Air Quality Analysis	<i>Focused Air Quality Analysis Agricultural-Related Emissions within the Kern Water Bank Service Area</i>
FR	<i>Federal Register</i>
ft	feet

GGERP	Greenhouse Gas Emissions Reduction Plan
GHG	greenhouse gas
GSA	groundwater sustainability agency
GSP	groundwater sustainability plan
GWE	groundwater elevation
HCO ₃	hydrogen carbonate
HCP	habitat conservation plan
I-5	Interstate 5
ID4	Irrigation District No. 4
Interim Plan or Interim Operations Plan	Interim Project Recovery Operations Plan regarding Kern Water Bank Authority and Rosedale–Rio Bravo Water Storage District Projects
IRWM	Integrated Regional Water Management
JOC	Joint Operations Committee
KCEHS	Kern County Environmental Health Services
KCEHSD	Kern County Environmental Health Services Department
KCFD	Kern County Fire Department
KCOG	Kern Council of Governments
KCWA	Kern County Water Agency
Kern IRWMP	Kern County Integrated Regional Water Management Plan
KFE	Kern Fan Element
KFMC	Kern Fan Monitoring Committee
KWB	Kern Water Bank
KWBA	Kern Water Bank Authority
KWBA Activities	Development and continued use and operations of the KFE property after it was acquired by the KWBA.
KWB HCP/NCCP	Kern Water Bank Habitat Conservation Plan/Natural Community Conservation Plan
KWB Lands	KFE property after it was transferred to KCWA/KWBA
kWh	kilowatt-hours
L _{dn}	day-night average noise level
L _{eq}	equivalent energy noise level
LRA	Local Responsibility Area
LUFT	LUFT Engineers & Environmental Consultants, Inc.
LUST	leaking underground storage tank
M&I	municipal and industrial
MCL	maximum contaminant level
Mg	magnesium
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MHI	Median Household Income
Mn	managanese
Model	Groundwater Model
Monterey Agreement EIR	Final Programmatic Environmental Impact Report on the Monterey Agreement
Monterey IS and Addendum	Initial Study and Addendum to Monterey Agreement EIR of the Kern Water Bank Authority <i>Kern Water Bank Habitat Conservation Plan/Natural Community Conservation Plan</i>
Monterey Plus EIR	Monterey Amendment to the State Water Project Contracts (Including Kern Water Bank Transfer) and Associated Actions as Part of a Settlement Agreement (Monterey Plus) Environmental Impact Report (EIR)
mph	miles per hour
MT	metric tons
MTBE	methyl tert-butyl ether
MT CO ₂ /yr	metric tons of carbon dioxide per year
MT CO ₂ e/yr	metric tons of carbon dioxide equivalent per year
MWh	megawatt-hours
MWh/yr	megawatt-hours per year
N	nitrogen
NA	not applicable
NCCP	natural community conservation plan
ND	not detected
NIH	National Institutes of Health

NL	notification level
NMFS	National Marine Fisheries Service
NOI	notice of intent
NOP	notice of preparation
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPI	negative potential impact
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NS	no sample/not sampled, no standard set
NTR	National Toxics Rule
NTU	nephelometric turbidity units
O&M	operations and maintenance
O ₃	ozone
OES	Office of Emergency Services
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Pb	lead
pCi/L	picocuries per liter
PG&E	Pacific Gas & Electric Company
PM _{2.5}	particulate matter with an aerodynamic resistance diameter less than 2.5 micrometers
PM ₁₀	particulate matter with an aerodynamic resistance diameter less than 10 micrometers
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppb	parts per billion
ppm	parts per million
PRC	Public Resources Code
PRD	Permit Registration Document
PSEEP	Pump System Energy Efficiency Plan
PVC	polyvinyl chloride
RCIU	Rural Crime Investigation Unit
RCRA	Resource Conservation and Recovery Act
Reclamation	United States Bureau of Reclamation
REIR	revised environmental impact report
ROG	reactive organic gases
Rosedale or RRBWSD	Rosedale–Rio Bravo Water Storage District
RPS	Renewable Portfolio Standard
RTP	2014 Regional Transportation Plan/Sustainable Communities Strategy
RWD	report of waste discharge
RWQCB	regional water quality control board
SB	Senate Bill
SCH	State Clearinghouse
Scoping Plan	AB 32 Climate Change Scoping Plan
SDWA	Safe Drinking Water Act
Settlement Agreement	Settlement Agreement by and among Planning and Conservation League, Plumas County Flood Control and Water Conservation District, Citizens Planning Association of Santa Barbara County, Inc. and The State of California Department of Water Resources, Central Coast Water Authority, Kern Water Bank Authority and those State Water Project Contractors identified herein. May 5, 2003 (Monterey Plus EIR, Appendix D [REIR Document B, Volume II])
SGMA	Sustainable Groundwater Management Act
Sheriff's Office	Kern County Sheriff's Office
SHOPP	State Highway Operations and Protection Program
SIP	State Implementation Plan
SJFM	San Joaquin Facilities Management
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SJVAPCD GHG CEQA Guidance	<i>Final Staff Report Addressing Greenhouse Gas Emissions Impacts under the California Environmental Quality Act and Guidance for Valley Land-use Agencies in Addressing GHG</i>

	<i>Emission Impacts for New Projects under CEQA</i>
SLIC	Spills, Leaks, Investigations and Cleanup
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO ₂	sulfur dioxide
SO ₄	sulfate
SO _x	sulfur oxides
SQG	small-quantity generator
SR	State Route
SRA	State Responsibility Area
SSC	species of special concern
State TIP	State Transportation Improvement Program
SVOC	semivolatile organic compound
SVP	Society of Vertebrate Paleontology
SWAT	Solid Waste Assessment Test
SWF/LF	Solid Waste Facilities/Landfill Sites
SWP	State Water Project
SWPPP	storm water pollution prevention plan
SWRCB	California State Water Resources Control Board
SWRCB-DDW	California State Water Resources Control Board Division of Drinking Water
TAC	toxic air contaminant
TCE	trichloroethylene
TDS	total dissolved solids
TIP	Transportation Improvement Program
TMDL	total maximum daily load
TON	threshold odor number
TPH	total petroleum hydrocarbons
tpy	tons per year
TRPH	total recoverable petroleum hydrocarbons
TSM	Transportation System Management
Tulare Lake Basin Plan	<i>Water Quality Control Plan (Basin Plan) for the Tulare Lake Basin</i>
UBC	Uniform Building Code
UCMP	University of California Museum of Paleontology
UIC	Underground Injection Control
USC	United States Code
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
UST	underground storage tank
VCP	voluntary cleanup priority
VdB	vibration decibel
VOC	volatile organic carbons/compounds
WD	Water District
WDR	waste discharge requirement
WEAP	worker environmental awareness program
WMUDS	Waste Management Unit Database
WNV	West Nile virus
WPP	Water Purification Plant
WQCP	water quality control plan
WQO	water quality objective
WSD	Water Service District or Water Storage District

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