

Contents

List of Tables	vii
List of Figures.....	xi
List of Acronyms and Abbreviations.....	xiii
Executive Summary	ES-1
Summary of the Proposed Action and Alternatives	ES-2
Alternative 1—No Action	ES-3
Alternative 2—Proposed Action	ES-3
Alternative 3—Reduced Take/Reduced Fill	ES-4
Alternative 4—Reduced Permit Term.....	ES-4
Summary of Environmental Consequences and Proposed Recommended Mitigation	ES-4
No Action Alternative	ES-5
Action Alternatives.....	ES-5
Impact Mechanisms	ES-6
Impacts and Mitigation	ES-7
Issues Raised by Agencies and the Public.....	ES-9
Areas of Controversy	ES-10
Issues to be Resolved	ES-10
Chapter 1 Introduction	1-1
1.1 Placer County Conservation Program Overview.....	1-2
1.1.1 Background.....	1-3
1.1.2 Plan Area	1-3
1.1.3 PCCP and this EIS/EIR	1-4
1.2 Overview of NEPA and CEQA	1-5
1.2.1 NEPA	1-5
1.2.2 CEQA.....	1-5
1.2.3 Joint Documentation	1-6
1.3 Purpose and Need.....	1-7
1.3.1 Underlying Need.....	1-8
1.3.2 Purpose and Need Statement	1-8
1.3.3 Statement of Project Objectives	1-8
1.4 Intended Uses of this EIS/EIR.....	1-9
1.4.1 U.S. Fish and Wildlife Service	1-11
1.4.2 National Marine Fisheries Service.....	1-12
1.4.3 California Department of Fish and Wildlife	1-12

1.4.4	U.S. Army Corps of Engineers.....	1-14
1.4.5	Participating Jurisdictions in the PCCP	1-15
1.4.6	Relationship of EIS/EIR with the Plan	1-16
1.5	Public and Agency Involvement.....	1-16
1.5.1	EIS/EIR Scoping Process.....	1-16
1.5.2	Agency Coordination	1-17
1.5.3	Committee Meetings.....	1-18
1.5.4	Public Outreach	1-20
1.6	Document Organization	1-20
1.7	References Cited	1-21
Chapter 2	Proposed Action and Alternatives	2-1
2.1	Approach to Developing Alternatives	2-1
2.1.1	Regulatory Framework.....	2-1
2.1.2	Alternatives Considered	2-3
2.2	Alternatives Screening	2-4
2.2.1	First Tier Screening Criteria	2-6
2.2.2	Second Tier Screening Criteria	2-8
2.2.3	Third Tier Screening Criteria.....	2-9
2.3	Alternatives Eliminated from Further Consideration	2-10
2.4	Alternatives Carried Forward for Detailed Analysis.....	2-11
2.4.1	Alternative 1—No Action	2-11
2.4.2	Alternative 2—Proposed Action (Proposed Placer County Conservation Program).....	2-14
2.4.3	Alternative 3—Reduced Take/Reduced Fill.....	2-53
2.4.4	Alternative 4—Reduced Permit Term	2-56
2.5	References Cited	2-58
Chapter 3	Affected Environment	3-1
3.1	Agricultural and Forestry Resources.....	3.1-1
3.1.1	Regulatory Setting	3.1-1
3.1.2	Environmental Setting.....	3.1-6
3.1.3	References Cited	3.1-9
3.2	Air Quality, Greenhouse Gases, and Climate Change.....	3.2-1
3.2.1	Regulatory Setting	3.2-1
3.2.2	Environmental Setting.....	3.2-14
3.2.3	References Cited	3.2-23

3.3	Biological Resources	3.3-1
3.3.1	Regulatory Setting	3.3-1
3.3.2	Environmental Setting.....	3.3-20
3.3.3	References Cited	3.3-79
3.4	Cultural and Paleontological Resources	3.4-1
3.4.1	Regulatory Setting	3.4-1
3.4.2	Environmental Setting.....	3.4-11
3.4.3	References Cited	3.4-18
3.5	Hydrology and Water Quality	3.5-1
3.5.1	Regulatory Setting	3.5-1
3.5.2	Environmental Setting.....	3.5-28
3.5.3	References Cited	3.5-43
3.6	Land Use and Planning.....	3.6-1
3.6.1	Regulatory Setting	3.6-1
3.6.2	Environmental Setting.....	3.6-22
3.6.3	References Cited	3.6-24
3.7	Mineral Resources	3.7-1
3.7.1	Regulatory Setting	3.7-1
3.7.2	Environmental Setting.....	3.7-4
3.7.3	References Cited	3.7-5
3.8	Noise and Vibration	3.8-1
3.8.1	Regulatory Setting	3.8-1
3.8.2	Environmental Setting.....	3.8-11
3.8.3	References Cited	3.8-16
3.9	Population and Housing, Socioeconomics, and Environmental Justice	3.9-1
3.9.1	Regulatory Setting	3.9-1
3.9.2	Environmental Setting.....	3.9-5
3.9.3	References Cited	3.9-10
3.10	Recreation.....	3.10-1
3.10.1	Regulatory Setting	3.10-1
3.10.2	Environmental Setting.....	3.10-7
3.10.3	References Cited	3.10-10
3.11	Transportation and Circulation.....	3.11-1
3.11.1	Regulatory Setting	3.11-1
3.11.2	Environmental Setting.....	3.11-9
3.11.3	References Cited	3.11-10

Chapter 4	Environmental Consequences.....	4-1
4.1	Agricultural and Forestry Resources.....	4.1-1
4.1.1	Methods and Significance Criteria	4.1-1
4.1.2	Impacts and Mitigation Measures.....	4.1-1
4.1.3	Cumulative Analysis	4.1-13
4.1.4	References Cited	4.1-14
4.2	Air Quality, Greenhouse Gases, and Climate Change.....	4.2-1
4.2.1	Methods and Significance Criteria	4.2-1
4.2.2	Impacts and Mitigation Measures.....	4.2-5
4.2.3	Cumulative Analysis	4.2-54
4.2.4	References Cited	4.2-56
4.3	Biological Resources	4.3-1
4.3.1	Methods and Significance Criteria	4.3-1
4.3.2	Impacts and Mitigation Measures.....	4.3-4
4.3.3	Cumulative Analysis	4.3-237
4.3.4	References Cited	4.3-238
4.4	Cultural and Paleontological Resources	4.4-1
4.4.1	Methods and Significance Criteria	4.4-1
4.4.2	Impacts and Mitigation Measures.....	4.4-3
4.4.3	Cumulative Analysis	4.4-17
4.4.4	References Cited	4.4-19
4.5	Hydrology and Water Quality	4.5-1
4.5.1	Methods and Significance Criteria	4.5-1
4.5.2	Impacts and Mitigation Measures.....	4.5-2
4.5.3	Cumulative Analysis	4.5-46
4.5.4	References Cited	4.5-48
4.6	Land Use and Planning.....	4.6-1
4.6.1	Methods and Significance Criteria	4.6-1
4.6.2	Impacts and Mitigation Measures.....	4.6-1
4.6.3	Cumulative Analysis	4.6-10
4.6.4	References Cited	4.6-11
4.7	Mineral Resources	4.7-1
4.7.1	Methods and Significance Criteria	4.7-1
4.7.2	Impacts and Mitigation Measures.....	4.7-1
4.7.3	Cumulative Analysis	4.7-6
4.7.4	References Cited	4.7-7

4.8	Noise and Vibration	4.8-1
4.8.1	Methods and Significance Criteria	4.8-1
4.8.2	Impacts and Mitigation Measures.....	4.8-2
4.8.3	Cumulative Analysis	4.8-33
4.8.4	References Cited	4.8-34
4.9	Population and Housing, Socioeconomics, and Environmental Justice	4.9-1
4.9.1	Methods and Significance Criteria	4.9-1
4.9.2	Impacts and Mitigation Measures.....	4.9-2
4.9.3	Cumulative Analysis	4.9-18
4.9.4	References Cited	4.9-19
4.10	Recreation.....	4.10-1
4.10.1	Methods and Significance Criteria	4.10-1
4.10.2	Impacts and Mitigation Measures.....	4.10-1
4.10.3	Cumulative Analysis	4.10-7
4.10.4	References Cited	4.10-8
4.11	Transportation and Circulation.....	4.11-1
4.11.1	Methods and Significance Criteria	4.11-1
4.11.2	Impacts and Mitigation Measures.....	4.11-2
4.11.3	Cumulative Analysis	4.11-10
4.11.4	References Cited	4.11-11
Chapter 5	Other Required CEQA and NEPA Analyses	5-1
5.1	Cumulative Impacts	5-1
5.2	Significant and Unavoidable Impacts.....	5-1
5.3	Short-Term Uses of the Environment versus Maintenance and Enhancement of Long-Term Productivity	5-2
5.4	Irreversible and Irretrievable Commitments to Resources/ Significant Irreversible Environmental Changes	5-2
5.5	Growth-Inducing Impacts	5-3
5.6	Environmentally Superior/Preferable Alternative	5-4
5.7	Executive Orders	5-5
5.7.1	Executive Order 11988—Floodplain Management.....	5-5
5.7.2	Executive Order 11990—Protection of Wetlands.....	5-5
5.7.3	Executive Order 12898—Environmental Justice	5-5
5.7.4	Executive Order 13112—Prevention and Control of Invasive Species	5-6
5.7.5	Executive Order 13175—Consultation and Coordination with Indian Tribal Governments.....	5-6
5.7.6	Executive Order 13186—Responsibilities of Federal Agencies to Protect Migratory Birds.....	5-6

5.8	Public Interest Review Special Topics	5-6
5.9	References Cited	5-10
5.9.1	Printed References	5-10
5.9.2	Personal Communications.....	5-10
Chapter 6	Consultation and Coordination	6-1
6.1	Consultation Requirements	6-1
6.1.1	Federal Endangered Species Act	6-1
6.1.2	Magnuson-Stevens Fishery Conservation and Management Act	6-1
6.1.3	National Historic Preservation Act	6-2
6.1.4	Farmland Protection Policy Act.....	6-2
6.1.5	Clean Air Act	6-2
6.1.6	Migratory Bird Treaty Act.....	6-3
6.2	Lead and Cooperating Agencies and Stakeholders.....	6-3
6.3	Scoping.....	6-4
Chapter 7	Report Authors and Preparers	7-1
7.1	Federal, State and Local Agencies	7-1
7.1.1	Lead Agencies.....	7-1
7.1.2	Responsible/Cooperating Agencies.....	7-1
7.1.3	Participating Agencies	7-2
7.2	ICF (EIS/EIR Document Preparer).....	7-2

Appendices in printed copies are provided on CD

Appendix A	Western Placer County Habitat Conservation Plan and Natural Community Conservation Plan
Appendix B	Western Placer County Aquatic Resources Program
Appendix C	USACE CWA 404 Permit Strategy
Appendix D	Notices and Scoping Notice of Intent (NOI) Notice of Preparation (NOP) Scoping Comments
Appendix E	Screening of Alternatives
Appendix F	Placer County Air Pollution Control District Fugitive Dust Controls and Construction Equipment Emission Controls
Appendix G	Feather River Air Quality Management District Construction Equipment Emission Controls and Exhaust Emissions Offset
Appendix H	Biological Impacts and Conservation Acreages

Tables

Table ES-1	Summary of Impact Determinations by Species Considered	ES-7
Table ES-2	Summary of Impact Determinations by Resource	ES-9
Table ES-3	Summary of Impacts and Mitigation Measures.....	ES-11
Table 1-1	Summary of Federal and State Permit and Approval Decisions for the PCCP	1-10
Table 2-1	Land Development to Accommodate Growth for the 50-Year Permit Term by 10-Year Period (acres).....	2-6
Table 2-2	Plan Area Components	2-17
Table 2-3	Covered Activity Category by Plan Area Component	2-19
Table 2-4	Land Uses Consistent with Urban and Suburban General Plan Designations	2-21
Table 2-5	Land Uses Consistent with Rural and Agricultural General Plan Designations.....	2-22
Table 2-6	Public Facilities Consistent with Rural and Agricultural General Plan Designations	2-23
Table 2-7	Current Planned Wastewater Management Projects.....	2-28
Table 2-8	Water Supply Projects	2-30
Table 2-9	Solid Waste Management Projects.....	2-33
Table 2-10	Flood Control and Water Conservation Projects	2-35
Table 2-11	Plan Covered Species	2-39
Table 2-12	Plan Conservation Measures	2-42
Table 2-13	Physical Actions Needed to Implement Plan Conservation Measures	2-43
Table 2-14	Acquisition Commitments (acres).....	2-45
Table 2-15	Natural Community and Constituent Habitat Protection Commitments (acres)	2-47
Table 2-16	Covered Species’ Protection and Restoration Commitments (acres)	2-49
Table 2-17	Alternative 3—Reduced Take/Reduced Fill Permit Limits for Direct Effects and Comparison with Proposed Plan.....	2-54
Table 3.1-1	Important Farmland in the Plan Area (2006).....	3.1-7
Table 3.2-1	National and State Ambient Air Quality Standards	3.2-2
Table 3.2-2	Federal <i>de minimis</i> Thresholds for Criteria Pollutants in Nonattainment Areas	3.2-3
Table 3.2-3	Federal <i>de minimis</i> Thresholds for Criteria Pollutants in Maintenance Areas	3.2-4

Table 3.2-4	Lifetimes and Global Warming Potentials of Key Greenhouse Gases	3.2-18
Table 3.2-5	Ambient Criteria Air Pollutant Monitoring Data (2014–2016)	3.2-20
Table 3.2-6	Federal and State Attainment Status for Placer County.....	3.2-22
Table 3.2-7	Federal and State Attainment Status for Sutter County.....	3.2-22
Table 3.3-1	Communities and Land Cover Types.....	3.3-30
Table 3.3-2	Estimated Extent of Constituent Habitats in Plan Area A (acres)	3.3-32
Table 3.3-3	Special-Status Plants Identified as Potentially Occurring in the Plan Area.....	3.3-62
Table 3.3-4	Special-Status Fish and Wildlife Species Considered for Analysis (in the Plan Area)	3.3-65
Table 3.3-5	Modeled Tricolored Blackbird Habitat in the Plan Area	3.3-78
Table 3.3-6	Modeled Valley Elderberry Longhorn Beetle Habitat in the Plan Area	3.3-78
Table 3.4-1	Paleontological Sensitivity Ratings	3.4-15
Table 3.4-2	Paleontological Resources by Geologic Unit.....	3.4-17
Table 3.5-1	Designated Beneficial Uses for Water Bodies within the Plan Area.....	3.5-7
Table 3.5-2	Western Placer Watersheds—Land Area (acres).....	3.5-29
Table 3.5-3	Western Placer Watersheds—Stream Length (stream miles)	3.5-29
Table 3.5-4	Western Placer Streams, Canals, and Reservoirs (miles).....	3.5-30
Table 3.5-5	CWA Section 303(d)-Listed Impaired Water Bodies and Associated Potential Sources for Major Water Bodies within the Plan Area	3.5-39
Table 3.6-1	Minimum Buffer Zone Widths for Public Facilities	3.6-8
Table 3.6-2	Current Land Use in the Plan Area.....	3.6-23
Table 3.8.1	State Land Use Compatibility Standards for Community Noise Environment	3.8-2
Table 3.8-2	Placer County Allowable L _{dn} Noise Levels within Specific Zone Districts.....	3.8-3
Table 3.8-3	Placer County Maximum Allowable Noise Exposure for Transportation Noise Sources.....	3.8-5
Table 3.8-4	Placer County Sound Level Standards (onsite)	3.8-6
Table 3.8-5	County of Sutter General Plan Exterior Incremental Environmental Noise Impact Standards for Noise Sensitive Uses (dba)	3.8-7
Table 3.8-6	County of Sutter General Plan Maximum Allowable Environmental Noise Standards	3.8-8

Table 3.8-7	County of Sutter General Plan Noise Level Standards from Stationary Sources	3.8-8
Table 3.8-8	County of Sutter General Plan Groundborne Vibration Impact Criteria for General Assessment.....	3.8-9
Table 3.8-9	City of Lincoln Land Use Compatibility Guidelines for Development	3.8-10
Table 3.8-10	Population Density and Associated Ambient Noise Levels.....	3.8-12
Table 3.8-11	Definition of Sound Measurements.....	3.8-12
Table 3.8-12	Typical A-Weighted Sound Levels	3.8-14
Table 3.8-13	Vibration Source Levels for Construction Equipment.....	3.8-15
Table 3.8-14	Guideline Criteria for Vibration Annoyance Potential	3.8-15
Table 3.8-15	Guideline Criteria for Vibration Damage Potential.....	3.8-16
Table 3.9-1	Placer County Population Data	3.9-5
Table 3.9-2	Placer County Population Change	3.9-5
Table 3.9-3	Housing Type Data	3.9-6
Table 3.9-4	Housing Occupancy and Size Data	3.9-6
Table 3.9-5	SACOG 2013–2021 Regional Housing Needs Allocation Projections.....	3.9-7
Table 3.9-6	Placer County Employment (thousands of jobs)	3.9-7
Table 3.9-7	Employment Projections.....	3.9-8
Table 3.9-8	Race/Ethnicity Data	3.9-9
Table 3.10-1	City of Lincoln General Plan Park Facilities Standards	3.10-5
Table 3.10-2	Parks and Recreational Facilities in the Plan Area (Unincorporated County)	3.10-8
Table 3.10.3	Parks and Recreational Facilities in the Plan Area (City of Lincoln).....	3.10-9
Table 4-1	Correlated NEPA and CEQA Terminology	4-1
Table 4-2	Holding Capacity of the General Plan (1994)	4-8
Table 4-3	Holding Capacity of the General Plan (2013)	4-9
Table 4.1-1	Prime Farmland, Unique Farmland, and Farmland of Statewide Importance within the Reserve Acquisition Area (RAA).....	4.1-4
Table 4.2-1	Federal <i>de minimis</i> Thresholds (tons per year)	4.2-2
Table 4.2-2	Placer County Air Pollution Control District Construction Project-Level Significance Thresholds (pounds/day)	4.2-3

Table 4.2-3	Placer County Air Pollution Control District Operational Project- and Cumulative-Level Significance Thresholds (pounds/day)	4.2-3
Table 4.2-4	Placer County Air Pollution Control District Adopted Greenhouse Gas Thresholds	4.2-4
Table 4.2-5	Feather River Air Quality Management District Construction Project-Level Significance Thresholds (pounds/day)	4.2-5
Table 4.2-6	Feather River Air Quality Management District Operational Project-Level Significance Thresholds (pounds/day)	4.2-5
Table 4.3-1	Known Occurrences of Special-Status Plant Species in Vernal Pool Habitats in Plan Area	4.3-9
Table 4.3-2	Known Occurrences of Special-Status Plant Species in Oak Woodland Habitats in the Plan Area.....	4.3-11
Table 4.8-1	Worst-Case Scenario Noise Levels of Construction Equipment (Grader, Truck, Two Scrapers) Operating Simultaneously.....	4.8-3
Table 4.8-2	Pile Driving Construction Noise Levels.....	4.8-4
Table 4.8-3	Construction Equipment Vibration Levels at Various Distances	4.8-6
Table 5-1	Topics for Consideration in the U.S. Army Corps of Engineers' Public Interest Review and Section 404(b)(1) Analysis	5-8

Figures follow the chapter or section in which they are referenced

ES-1	Plan Area
1-1	Plan Area
2-1	Plan Area Components
2-2	PCCP Designation Map
2-3	Conservation Zones
3.1-1	Farmland
3.1-2	Williamson Act Parcels
3.3-1	Topography
3.3-2	Geology and Soils
3.3-3	Land Cover Types
3.3-4	Grassland and Vernal Pool Complex
3.3-5	Aquatic/Wetland Complex and Riverine/Riparian Complex
3.3-6	Oak Woodland and Valley Oak Woodland
3.3-7	Agriculture and Semi-Natural Communities
3.3-8	Urban and Non-Natural Communities
3.4-1	Geologic Map of the Plan Area with Paleontological Sensitivity Rating for Geologic Units with High Rating
3.5-1	Watersheds in Plan Area
3.5-2	Streams, Canals, and Reservoirs in Plan Area
3.5-3	Groundwater Contours and Flow Directions, Spring 2017
3.5-4	Representative Water Level Hydrographs
3.5-5	Flood-Prone Properties in Placer County
3.6-1	Placer County General Plan Land Use Map
3.6-2	City of Lincoln General Plan Land Use Map
3.6-3	Public Land Ownership
3.7-1	Mineral Resource Zones in the Plan Area

- 3.9-1 Minority Populations in the Plan Area
- 3.9-2 Low Income Populations in the Plan Area
- 4.3-1 Placer County Conservation Plan – California Essential Habitat Connectivity

Acronyms and Abbreviations

Term	Definition
1994 SIP	<i>1994 Sacramento Area Regional Ozone Attainment Plan</i>
2005 PM10 Plan	<i>2005 Implementation of SB656 Measures to Reduce Particulate Matter Plan</i>
2013 Ozone SIP	<i>2013 SIP Revisions to the Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan</i>
2015 Triennial Plan	<i>2015 Triennial Air Quality Attainment Plan</i>
2017 Ozone SIP	<i>Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan</i>
AAGR	average annual growth rate
AB	Assembly Bill
AB 32 Scoping Plan	<i>2008 Climate Change Scoping Plan for AB 32</i>
ACMs	asbestos-containing materials
AG	Agriculture
ALUC	Airport Land Use Commission
ALUCP	<i>Placer County Airport Land Use Compatibility Plan</i>
AMMs	Avoidance and minimization measures
ARB	California Air Resources Board
ARC	Airport Reference Code
asl	above sea level
ATCM	Asbestos Airborne Toxic Control Measure
Basin Plan	<i>Basin Plan for the Sacramento and San Joaquin Rivers Basin</i>
basin plans	Water Quality Control Plans
BFEs	Base Flood Elevations
BMOs	Basin Management Objectives
BMP	best management practice
BO	Biological Opinion
BRSP	<i>Bickford Ranch Specific Plan</i>
BWG	Biological Stakeholder Working Group
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Division of Occupational Safety and Health
California CAA	California Clean Air Act
Caltrans	California Department of Transportation
CARP	<i>Western Placer County Aquatic Resources Program</i>
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife

Term	Definition
Central Valley Water Board	Central Valley Regional Water Quality Control Board
CEO	chief executive officer
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH ₄	reducing methane
CHRIS	California Historical Resources Information System
CLOMR	Conditional Letter of Map Revision
CM	Conservation Measure
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
Construction General Permit	General NPDES Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order 2009-0009-DWQ)
County	Placer County
CRHR	California Register of Historical Resources
CRMP	Cultural Resources Management Plan
CRPR	California Rare Plant Rank
CVFPB	Central Valley Flood Protection Board
CVFPP	<i>Central Valley Flood Protection Plan</i>
CWA	Clean Water Act
CWHR	California Wildlife Habitat Relationship
DA	Department of the Army
dB	decibel
dBA	A-weighted decibels
dbh	diameter at breast height
-Dh	Design Historical
DPM	diesel particulate matter
DPR	California Department of Pesticide Regulation
DSDD	Doty South Diversion Dam
DWR	California Department of Water Resources
EC	electrical conductivity
ECAs	Essential Connectivity Areas
EFH	essential fish habitat
EIS/EIR	environmental impact statement/environmental impact report

Term	Definition
EO	Executive Order
ESA	Endangered Species Act
EXR	Existing Reserves and Other Protected Areas
FAA	Federal Aviation Administration
FARs	floor area ratios
FBFM	Flood Boundary and Floodway Map
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FIRMs	Flood Insurance Rate Maps
FIS	Flood Insurance Study
FMMP	Farmland Mapping and Monitoring Program
FPPA	Farmland Protection Policy Act
FR	Federal Register
FRAQMD	Feather River Air Quality Management District
FRAQMD PM2.5 Plan	<i>2013 Yuba City-Marysville PM2.5 Nonattainment Area Redesignation Request and Maintenance Plan</i>
FSZ	Farmland Security Zone
FTA	Federal Transit Administration
GBCP	<i>Granite Bay Community Plan</i>
General Dewatering Permit	General Order for Dewatering and Other Low Threat Discharges to Surface Waters
general plans	local general, community, and area plans
GHG	greenhouse gas
GMP	groundwater management plan
GSA	Groundwater Sustainability Agency
GWP	global warming potential
HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HALS	Historic American Landscape Survey
HCP	habitat conservation plan
HCP/NCCP	joint habitat conservation plan and natural community conservation plan
HFCs	hydroflouorocarbons
Hidden Falls	Hidden Falls Regional Park
Hot Spots Act	Air Toxics Hot Spots Information and Assessment Act of 1987
HRI	Historic Resources Inventory
HUC-8	U.S. Geological Survey Hydrologic Unit Code Level 8
I-	Interstate
IA	implementing agreement

Term	Definition
IAWG	Interagency Working Group
IC	Information Center
ILF	in-lieu fee
ILF Program	<i>Western Placer County In-Lieu Fee Program</i>
in/sec	inch per second
IPCC	Intergovernmental Panel on Climate Change
ITP	incidental take permit
L_{dn}	day-night sound level
LEDPA	least environmentally damaging practicable alternative
L_{eq}	equivalent sound level
LID	low impact development
L_{max}	maximum sound level
L_{min}	minimum sound levels
LOMR	Letter of Map Revision
LOP	letter of permission
LOS	level of service
Magnuson-Stevens Act	Magnuson-Stevens Fishery Conservation and Management Act
MBTA	Migratory Bird Treaty Act
MCAB	Mountain Counties Air Basin
mg/L	milligrams per liter
mgd	million gallons per day
MLDs	most likely descendants
MOU	memorandum of understanding
MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer Systems
msl	mean sea level
MT CO ₂ e	metric tons of carbon dioxide equivalent
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NASb	North American Subbasin
NCCP	natural community conservation plan
NCCPA	California Natural Community Conservation Planning Act
NEPA	National Environmental Policy Act
NESHAPs	National Emissions Standards for Hazardous Air Pollutants
NEVs	neighborhood electric vehicles
NFIP	National Flood Insurance Program
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NID	Nevada Irrigation District

Term	Definition
NISC	National Invasive Species Council
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO ₂	nitrogen dioxide
NOA	Naturally occurring asbestos
NOAA	National Oceanic and Atmospheric Administration
NOI	notice of intent
NOP	notice of preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act of 1977
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NTUs	nephelometric turbidity units
NWPs	nationwide permits
O&M	operations and maintenance
OHWM	Ordinary High Water Mark
PCA	Placer Conservation Authority
PCAPCD	Placer County Air Pollution Control District
PCAPCD PM2.5 Plan	<i>2013 PM2.5 Implementation and Maintenance Plan</i>
PCCP	<i>Placer County Conservation Program</i>
PCFCWCD	Placer County Flood Control and Water Conservation District
PCTPA	Placer County Transportation Planning Agency
PCWA	Placer County Water Agency
PFCs	perfluorocarbons
PFG	Potential Future Growth Area
PG&E	Pacific Gas and Electric Company
PGP	programmatic general permit
pH	potential of hydrogen
PIR	Public Interest Review
Placer County RTP	<i>Placer County 2036 Regional Transportation Plan</i>
Placer Legacy Program Plan	Placer Legacy Open Space and Agricultural Conservation Program <i>Western Placer County Habitat Conservation Plan and Natural Community Conservation Plan</i>
Planning Agreement	PCCP Planning Agreement
PM	particulate matter
PM10	particulate matter less than or equal to 10 microns in diameter
PM2.5	particulate matter less than or equal to 2.5 microns in diameter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PPMP	Pollution Prevention and Monitoring Program
PPV	peak particle velocity

Term	Definition
PRC	California Public Resources Code
RAA	Reserve Acquisition Area
Regional Water Boards	Regional Water Quality Control Boards
RGP	regional general permit
RHNA	Regional Housing Needs Allocation
RHNPs	Regional Housing Needs Plans
ROD	record of decision
ROGs	reactive organic gases
RUSP	<i>Regional University Specific Plan</i>
SACOG	Sacramento Area Council of Governments
SB	Senate Bill
SCP	<i>Sheridan Community Plan</i>
Section 404	Section 404 of the Clean Water Act
sf	square feet
SF ₆	sulfur hexafluoride
SFHA	Special Flood Hazard Area
SIP	State Implementation Plan
SMARA	Surface Mining and Reclamation Act of 1975
SMD-1	Placer County Sewer Maintenance District #1
SMD-3	Placer County Sewer Maintenance District #3
SO ₂	sulfur dioxide
SPA	Special Planning Area
SPRTA	South Placer Regional Transportation Authority
SR	State Route
SRAs	state recreation areas
State Water Board	State Water Resources Control Board
Sutter County CAP	<i>Sutter County Climate Action Plan</i>
SVAB	Sacramento Valley Air Basin
SVP	Society of Vertebrate Paleontology
SWMP	<i>Storm Water Management Plan</i>
SWPPP	stormwater pollution prevention plan
TACs	toxic air contaminants
TMDL	total maximum daily load
Tribe	<i>California Native American Tribe</i>
TSS	<i>Total suspended solids</i>
UCMP	University of California Museum of Paleontology
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USC	United States Code

Term	Definition
USDA	U.S. Department of Agriculture
USDOI	U.S. Department of the Interior
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
VMT	vehicle miles traveled
WDRs	waste discharge requirements
WHR	California Wildlife Habitat Relationship
Williamson Act	California Land Conservation Act
WPCGMP	<i>Western Placer County Groundwater Management Plan</i>
WWTP	wastewater treatment plant
WY	water year
YSRCP	Yuba-Sutter Regional Conservation Plan