Table of Contents

Contents

Chapter 1	Introduction and Approach to Responses to Comments	1-1
Public Participat	ion and Comments Received	1-1
Regulatory Cont	ext	1-2
Approach		1-3
Organization of	Volume 3	1-6
Modifications Co	ontained in Volumes 1 through 3	1-7
Chapter 2	Indices of Commenters and Index of Primary Forms	2-1
Chapter 3	Master Responses	3-1
Introduction		3-1
Master Response	e 1: CEQA and NEPA Process, Regulatory Requirements,	
and Ge	eneral Comments	MR1-1
Master Response	2: Alternatives Description and Baseline	MR2-1
Master Response	e 3: Hydrology and Hydrologic Modeling	MR3-1
Master Response	4: Water Quality	MR4-1
Master Response	5: Aquatic Biological Resources	MR5-1
Master Response	e 6: Vegetation, Wetland, and Wildlife Resources	MR6-1
Master Response	e 7: Tribal Coordination, Consultation, and Engagement	MR7-1
Master Response	8: Trinity River	MR8-1
Master Response	9: Alternatives Development	MR9-1
Chapter 4	Responses to Comments	4-1
Introduction		4-1
References		4-1
Appendix 2		
Appendix 2A	List of Petition Signatures	
Appendix 4	-	
Appendix 4A	Reclamation Responses to 2017 Draft EIS Comments	

Tables

		Page
2-1	Summary of Indices	2-1
2-2	Index 1: Federal Agencies, Federal Elected Officials, and Tribal Governments	2-1
2-3	Index 2: State Agencies and Elected Officials	2-2
2-4	Index 3: Local/Regional Agencies and Elected Officials	2-2
2-5	Index 4: Non-Governmental Organizations	2-3
2-6	Index 5: Individuals	2-5
2-7	Index 6: Primary Forms and Petitions	2-12
3-1	Summary of Master Responses	3-2
MR1-1	Locations of Available Copies of the RDEIR/SDEIS	MR1-5
MR1-2	Public Outreach between 2018 and 2021	MR1-6
MR2-1	Operational Criteria Comparison between RDEIR/SDEIS and Final EIR/EIS	MR2-22
MR3-1	CALSIM II Conveyance Loss Assumptions	MR3-8
MR3-2	Shasta Exchange Criteria	MR3-10
MR4-1	Measured and Alternative 3 Metal Concentrations (µg/L)	MR4-17
MR4-2	Estimation of Average Additive Toxicity Effects of Metals on Fish-Gill Function in Sacramento River near Red Bluff	
MR5-1	Comparing Percentage of Redds Dewatered for Clear Creek Reach Averaged Over (CALSIM II Results) and Days (USRDOM Results) for Spring-Run (August throug October) and Fall-Run (September through November) Chinook Salmon	h
MR5-2	Comparison of Mean Spawning Weighted Usable Area for Segment 5 Averaged Ov Months (CALSIM II Results) and Days (USRDOM Results) for Spring-Run (Augus October) and Fall-Run (September through November) Chinook Salmon	st through
MR5-3	Percent of Spring-Run Chinook Salmon Redds Dewatered in the Sacramento River Differences in the Percentages for the No Action Alternative and Alternatives 1–3	
MR9-1	Summary of Significant and Unavoidable Impacts and Operational Effects	MR9-12
4-1	Responses to Comments on the RDEIR/SDEIS	4-15
4-2	Responses to Primary Forms and Petitions	4-721
C:+ D-	scan (air Draiast Final FID/FIC	: ว

Figures

		Page
MR1-1	Sites Reservoir Project Anticipated Permitting Timeline	MR1-19
MR3-1	Estimated Unimpaired Flow for Sacramento River near Red Bluff	.MR3-5
MR4-1	Sites Reservoir Water Temperature Profiles for 1924 Hydrologic Conditions as Simula with CE-QUAL-W2	
MR4-2	Sites Reservoir Water Temperature Profiles for 1932 Hydrologic Conditions as Simula with CE-QUAL-W2	
MR5-1	Spawning Weighted Usable Area for Fall-Run and Spring-Run Chinook Salmon in the Sacramento River near Clear Creek	
MR5-2	Probability of Exceedance of Spring-run Redd Dewatering, Alternative 3, in September Above Normal Water Years, Based on RDEIR/SDEIS Results.	
MR5-3	Probability of Exceedance of Spring-run Redd Dewatering, Alternative 3, in September All Water Years, Based on RDEIR/SDEIS Results.	
MR5-4	Probability of Exceedance of Spring-run Redd Dewatering, Alternative 3, in August—October of All Water Years, Based on RDEIR/SDEIS Results	
MR5-5	Monthly Mean Flow in the Sacramento River at Freeport as a Function of Monthly Me Flow in the Sacramento River near Wilkins Slough, December–May 1922–2003, Fina EIR/EIS CALSIM Modeling for Alternative 1A	1
MR5-6	Monthly Mean Flow in the Sacramento River at Freeport as a Function of Monthly Me Flow in the Sacramento River near Wilkins Slough, December–May 1922–2003, Fina EIR/EIS CALSIM Modeling for Alternative 1B	1
MR5-7	Monthly Mean Flow in the Sacramento River at Freeport as a Function of Monthly Me Flow in the Sacramento River near Wilkins Slough, December–May 1922–2003, Fina EIR/EIS CALSIM Modeling for Alternative 3	1
MR8-1	Trinity River Division and Neighboring Shasta Division	MR8-4

Acronyms

Acroynm	Definition
μg/L	microgram per liter
7DADM	7-day average daily maximum values
AB	assembly bill
AF	acre-feet
AMP	adaptive management plan
AMS Team	Adaptive Management Science Team
Aquatic Study Plan	Stone Corral Creek and Funks Creek Aquatic Study Plan
Authority	Sites Project Authority
BAFF	bioacoustic fish fence
Basin Plan	Water Quality Control Plan
Bay-Delta Plan	Bay-Delta Water Quality Control Plan
Big Notch Project	Yolo Bypass Fremont Weir Big Notch Project
BiOp	biological opinion
BMP	best management practice
Boards	State Water Board and the nine regional water quality control boards
CBD	Colusa Basin Drain
CCHAB Network	California CyanoHAB Network
CCR	California Code of Regulations
CCWD	Contra Costa Water District
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CEFF	California Environmental Flows Framework
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFGC	California Fish and Game Code
C.F.R.	Code of Federal Regulations
cfs	cubic feet per second
CIMIS	California Irrigation Management Information System
CM3	CALSIM Model Maintenance Management
CNDDB	California Natural Diversity Database
CO ₂ e	carbon dioxide equivalent

Acroynm	Definition
COA	Coordinated Operation Agreement
CT	central tendency
CTR	California Toxics Rule
CUL	Tribal Traditional Culture
cumecs	cubic meters of water per second
CVP	Central Valley Project
CVPIA	Central Vally Project Improvement Act
CWC	California Water Commission
D-1641	State Water Resources Control Board Revised Water Right Decision 1641
DCP	Delta Conveyance Project
DDSFT	Daily Divertible & Storable Flow Tool
DDT	dichlorodiphenyltrichloroethane
DEI	diversity, equity, and inclusion
DEI Resolution	State Water Resources Control Board Diversity, Equity, and Inclusion Resolution
Delta	Sacramento-San Joaquin Delta
Division	Division of Water Rights
DO	dissolved oxygen
DOC	dissolved organic carbon
DPM	Delta Passage Model
DSOD	Division of Safety of Dams
DWR	California Department of Water Resources
EBMUD	East Bay Municipal Utilities District
EIR	Enviornmental Impact Report
EIS	Environmental Impact Statement
EJ	environmental justice
ELT	Early Long-Term
EO	Executive Order
ESA	Endangered Species Act
FERC	Federal Energy Regulatory Commission
FMWT	Fall Midwater Trawl
FR	Federal Register
Framework	Framework for the Sacramento/Delta Update to the Bay-Delta Plan

Definition
feet per second
groundwater ambient monitoring and assessment
Glenn-Colusa Irrigation District
greenhouse gas
geographic information system
Groundwater Sustainability Plan
harmful algal bloom
Human Right to Water
inlet/outlet
Interactive Object-Oriented Simulation
Indian trust asset
incidental take permit
Knights Landing Outfall Gates
kilometer
Local Agency Formation Commission
Local Agencies of the North Delta
Land Management Plan
million acre-feet
maximum contaminant level
milligram per kilogram
milligram per liter
millimeter
Mitigation Monitoring and Reporting Program
Maxwell Public Utility District
minimum release requirement
municipal separate storm sewer system
Municipal Service Review
Maxwell Unified School District
No Action Alternative
Native American Heritage Commission
North Delta Flow Action (aka North Delta Food Subsidy)
National Environmental Policy Act
nanograms per liter
non-governmental organization

Acroynm	Definition
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NODOS	North of Delta Offstream Storage
NOI	Notice of Intent
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NWR	National Wildlife Refuge
OBAN	Oncorhynchus Bayesian Analysis
ОЕННА	California Office of Environmental Health Hazards Assessment
PCB	polychlorinated biphenyl
PFR	Plan Formulation Report
PGP	pumping generating plant
PMF	probable maximum flood
Project	Sites Reservoir Project
PST	Pacific standard time
RBDD	Red Bluff Diversion Dam
RBPP	Red Bluff Pumping Plant
RDEIR/SDEIS	Revised Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement
Reclamation	Bureau of Reclamation
RMP	Reservoir Management Plan
ROC on LTO	Coordinated Long-Term Operations of the CVP and SWP
ROD	Record of Decision
ROG	reactive organic gas
RWQCB	Regional Water Quality Control Board
SacEFT	Sacramento River Ecological Flows Tool
SacWAM	Sacramento Water Allocation Model
SALMOD	Salmonid Population Modeling
SB	Senate Bill
SBRS	Draft Scientific Basis Report Supplement in Support of Proposed Voluntary Agreements for the Sacramento River, Delta, and Tributaries Update to the San Francisco Bay/Sacramento-San Joaquin Delta Water Quality Control Plan
SGMA	Sustainable Groundwater Management Act
SRWQM	Sacramento River Water Quality Model

Acroynm	Definition
STARS	Survival, Travel Time, and Routing Simulation
State	State of California
State Water Board	State Water Resources Control Board
SUB	Subsistence Fishing
SURF	California Department of Pesticide Regulation's Surface Water Database
SWP	State Water Project
SWP ITP	Incidental Take Permit for Long-Term Operations of the State Water Project in the Sacramento–San Joaquin Delta
SWPPP	stormwater pollution prevention plan
TAF	thousand acre-feet
TAF/yr	thousand acre-feet per year
TBU	Tribal Beneficial Use
TCCA	Tehama-Colusa Canal Authority
TC Canal	Tehama-Colusa Canal
TDS	total dissolved solids
TMDL	total maximum daily load
TMP	traffic management plan
TRR	Terminal Regulating Reservoir
T-SUB	Tribal Subsistence Fishing
UAIC	United Auburn Indian Community
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USRDOM	Upper Sacramento River Daily Operations Model
VMT	vehicle miles traveled
Water Boards	State Water Resources Control Board and Regional Water Quality Control Boards
WIIN	Water Infrastructure Improvements for the Nation
WRLCM	Winter-Run Life Cycle Model
WSE	water surface elevation
WSIP	Water Storage Investment Program
WUA	weighted usable area
ww	wet weight

Acroynm	Definition
WWTF	wastewater treatment facility
WWTP	wastewater treatment plant
WY	water year