

**STATE INCIDENTAL TAKE PERMIT  
APPLICATION  
FOR THE CONSTRUCTION AND OPERATION  
OF DUAL CONVEYANCE FACILITIES OF THE  
STATE WATER PROJECT**

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## Acronyms and Abbreviations

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Above-normal	AN
acre feet	Af
American River Group	ARG
Anadromous Fish Restoration Program	AFRP
Avoidance and Minimization Measures	AMMs
b2 interagency team	B2IT
Bay Delta Conservation Plan	BDCP
Below-normal	BN
best management practices	BMPs
bioacoustic fish fence	BAFF
California Code of Regulations	CCR
California Department of Fish and Game	CDFG
California Department of Fish and Wildlife	CDFW
California Department of Water Resources	DWR
California Endangered Species Act	CESA
California Environmental Quality Act	CEQA
California Fish and Game Code	Fish & Game Code
California Natural Diversity Database	CNDDDB
California State Water Resources Control Board	SWRCB
cast-in-drilled-hole	CIDH
CCF pumping plant	CCPP
Central Valley Project	CVP
Central Valley Project Act	CVPA
Central Valley Project Improvement Act of 1992	CVPIA
Clifton Court Forebay	CCF
Clifton Court Forebay Pump Plant	CCFPP
Clifton Court Forebay Technical Team	CCFTT
cone penetration testing	CPT
Contra Costa Water District	CCWD
Coordinated Operation Agreement	COA
Critical	C
cubic feet per second	cfs
cubic yards	cy
cumulative sound exposure level	SEL
Data Assessment Team	DAT
decibels	dB
Delta Cross Channel	DCC
Delta Habitat Conservation and Conveyance Program	DHCCP
Delta Operations for Salmon and Sturgeon	DOSS
Delta Passage Model	DPM

Design and Construction Enterprise	DCE
dichlorodiphenyldichloroethylene	DDE
dichlorodiphenyltrichloroethane	DDT
distinct population segment	DPS
Dry	D
Endangered Species Act	ESA
end-of-September	EOS
evolutionary significant unit	ESU
export/inflow	E/I
Facilities Relicensing Draft Environmental Impact Report Proposed Project Alternative	FERC DEIR PA
Fall Midwater Trawl	FMWT
Feather River Fish Hatchery	FRFH
federal Endangered Species Act	ESA
Federal Energy Regulatory Commission	FERC
<i>Federal Register</i>	FR
feet per second	ft/s
Fish Facilities Technical Team's	FFTT
floating fish guidance structure	FFGS
foot per second	ft/s
fork length	FL
General Excavation for the NCCF and SCCF	general excavation
Glenn Colusa Irrigation District's	GCID
global climate models	GCMs
Hazardous Material Management Plan	HMMP
Head of Old River	HOR
High Flow Channel	HFC
HOR Gate Technical Team	HGTT
horizontal to vertical	H to V
Illuminating Engineering Society	IES
incidental take permit	ITP
Independent Review Panel	IRP footnote
Information Center for the Environment	ICE
Interactive Object-Oriented Salmon Simulation	IOS
Interagency Ecological Program	IEP
Intermediate Forebay	IF
Interstate 205	I 205
Interstate 5	I-5
Interstate 580	I 580
John E. Skinner Delta Fish Protective Facility	Skinner
Livingston Stone National Fish Hatchery	LSNFH
Long-term Operations Opinions	LOO footnote
Low Flow Channel	LFC



low salinity zone	LSZ
Madera Irrigation District	MID
miles per hour	mph
milligrams per liter	mg/L
minimum standards for fall outflow	Fall X2
Mitigation Monitoring and Reporting Program	MMRP
Morrow Island Distribution System	MIDS
Mortality Reduction and Relocation Plan	Relocation Plan
municipal and industrial	M&I
National Marine Fisheries Service	NMFS
National Weather Service	NWS
Net Delta Outflow Index	NDOI
New Spillway and Stilling Basin	new CCF spillway and stilling basin
no action alterative	NAA
Nonphysical Fish Barrier	NPB
North Bay Aqueduct	NBA
North Clifton Court Forebay	NCCF
North Delta Diversions	NDDs
not formally defined	NFD
off-road vehicles	ORV
Old and Middle River	OMR
Oncorhynchus Bayesian Analysis	OBAN
Pacific Gas and Electric Company	PG&E
parts per thousand	ppt
pelagic organism decline	POD
Pittsburg Generating Station	PGS
polychlorinated biphenyls	PCBs
polycyclic aromatic hydrocarbons	PAHs
proposed action	PA
Proposed project	P
ratio of water exports to inflow	E:I ratio
Real Time Drought Operations Management Team	RTDOMT
real time operations coordination team	RTOCT
Real-Time Operational	RTO
Reasonable and Prudent Alternative	RPA
reusable tunnel material	RTM
river miles	RM <sub>s</sub>
Roaring River Distribution System	RRDS
root mean square	RMS
Sacramento Municipal Utility District	SMUD
Sacramento Regional Wastewater Treatment Plan	SRWTP
Sacramento River Temperature Task Group	SRTTG

Sacramento River Temperature Technical Group	SRTTG
Sacramento-San Joaquin River Delta	Delta
sampling and analysis plan	SAP
San Francisco Bay/Sacramento–San Joaquin River Delta	Bay-Delta
Secretary of the Interior	Secretary
Settlement Agreement	SA
seven day average daily maximum	7DADM
Smelt Larval Survey	SLS
Smelt Working Group	SWG
sound exposure level	SEL
South CCF	SCCF
South Clifton Court Forebay	SCCF
Spill Prevention, Containment, and Countermeasure Plan	SPCCP
Spring Kodiak Trawl	SKT
standard penetration test	SPT
Stanislaus Operations Group	SOG
Stanislaus River Forum	SRF
State Route	SR
State Water Project	SWP
Storm Water Pollution Prevention Plan	SWPPP
Suisun Marsh Salinity Control Gates	SMSCG
Take minimization measures	TMMs
Temperature Control Actions	TCA <sub>s</sub>
Temporary Barriers Project	TBP
Tracy Fish Collection Facility	TFCF
tunnel boring machine	TBM
U.S. Bureau of Reclamation	USBR
U.S. Department of the Interior’s	Interior
U.S. Environmental Protection Agency	USEPA
U.S. Fish and Wildlife Service	USFWS
U.S. Geological Survey	USGS
Vernalis Adaptive Management Plan	VAMP
Water Operations Management Team	WOMT
Water Quality Control Plan	WQCP
water surface elevation	WSE
Weighted Usable Area	WUA
Western Area Power Administration	Western
Wet	W