

# Suction Dredge Permitting Program

## Draft Subsequent Environmental Impact Report

California Department of Fish and Game

February 2011



# **Suction Dredge Permitting Program**

**Draft**

## **Subsequent Environmental Impact Report**

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## LIST OF ACRONYMS

§	section
°C	Celsius
°F	Fahrenheit
µg	micrograms
µg/kg	micrograms per kilograms
µg/kg/d	micrograms per kilograms per day
µg/L	micrograms per liter
µg/m <sup>3</sup>	micrograms per cubic meter
µm	micrometers
AB	Assembly Bill
APA	Administrative Procedure Act
ATV	all-terrain vehicle
BAF	bioaccumulation factor
BLM	U.S. Bureau of Land Management
CAA	Clean Air Act
CAAQs	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CDC	California Department of Conservation
CDFG	California Department of Fish and Game
CDPR	California Department of Parks and Recreation
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHRIS	California Historical Resources Information System
CMAC	California Mining Active Claim
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CRHR	California Register of Historical Resources
CRP	certified regulatory program
CTR	California Toxics Rule
CTR CCC	California Toxics Rule Criteria Continuous Concentration
CTR CMC	California Toxics Rule Criteria Maximum Concentration
CVP	Central Valley Project
CWA	Clean Water Act
cwd	coarse woody debris

CWHR	California Wildlife Habitat Relationships
CWQG	Canadian Water Quality Guideline
cy	cubic yards
dB	decibel
dBA	A weighted decibel
DDT	dichlorodiphenyltrichloroethane
Delta	Sacramento River-San Joaquin River Delta
DMV	Department of Motor Vehicles
DO	dissolved oxygen
DOSH	Division of Occupational Safety and Health
DSEIR	Draft Subsequent Environmental Impact Report
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EC	electrical conductivity
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act
FC	federal candidate species for listing
FE	federally endangered species
FHWA	Federal Highway Administration
FLPMA	Federal Land Policy and Management Act of 1976
FP	fully protected species
FR	Federal Register
FSC	federal species of concern
FT	federally threatened species
ft	feet
GHG	greenhouse gas
GIS	geographic information system
Hg	mercury
Hg(0)	elemental mercury
Hg(II)	oxidized mercury
Hg(II) <sub>R</sub>	reactive oxidized mercury
HHW	household hazardous waste
hp	horse power
kg	kilogram
kg/yr	kilograms per year
km	kilometer
km <sup>2</sup>	square kilometer
L <sub>dn</sub>	day-night level
LEPC	Local Emergency Planning Committee
L <sub>eq</sub>	equivalent sound level
L <sub>max</sub>	maximum sound level
L <sub>min</sub>	minimum sound level
L <sub>xx</sub>	percentile-exceeded sound level
m	meter
m <sup>2</sup>	square meter
m <sup>3</sup>	cubic meter

MBTA	Migratory Bird Treaty Act
MCL	maximum contaminant levels
MeHg	methylmercury
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mg/m <sup>3</sup>	milligrams per cubic meter
mm	millimeters
MMeHg	monomethylmercury
MRZ	Mineral Resource Zones
MSDS	material safety data sheets
msl	mean sea level
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAWQA	National Water-Quality Assessment Program
NCLS	National Landscape Conservation System
NEPA	National Environmental Policy Act
ng	nanogram
ng/L	nanogram per liter
NGSA	National Sporting Goods Association
NHD	USGS National Hydrograph Dataset
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act
NPS	National Park Service
NTR	National Toxics Rule
NTUs	Nephelometric Turbidity Units
OEHHA	Office of Environmental Health Hazard Assessment
OHP	California Office of Historic Preservation
OHWM	ordinary high water mark
OMR	Office of Mine Reclamation, California Department of Conservation
OSHA	Occupational Safety and Health Administration
OSHSB	Occupational Safety and Health Standards Board
PAC	Public Advisory Committee
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyl compounds
PCC	Portland cement concrete
PEL	permissible exposure limit
PM <sub>10</sub>	Particulate matter less than 10 microns in diameter
PM <sub>2.5</sub>	particulate matter less than 2.5 microns in diameter
Porter-Cologne	Porter-Cologne Water Quality Control Act of 1969
ppm	parts per million (volume)
RCRA	Resource Conservation and Recovery Act
Resources Act	Forest and Rangeland Renewable Resources Planning Act
RV	recreational vehicle

RWQCB	Regional Water Quality Control Board
S&PF	State and Private Forestry
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SC	state candidate species
SCUBA	self contained underwater breathing apparatus
SE	state endangered species
SEIR	Subsequent Environmental Impact Report
SERC	State Emergency Response Commission
SIP	State Implementation Policy
SMPRA	Surface Mining and Reclamation Act of 1975
SSC	species of special concern
ST	state threatened species
SWAMP	Surface Water Ambient Monitoring Program
SWP	State Water Project
SWRCB	State Water Resources Control Board
TCP	traditional cultural properties
TEC	threshold effect concentration
THg	total mercury
TMDL	total Maximum Daily Load
TSS	total suspended solids
TWA	time-weighted average
U.S.	United States
USACE	U.S. Army Corps of Engineers
USC	U.S. Government Code
USDA	U.S. Department of Agriculture
USFS or Forest Service	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USSCS	U.S. Soil Conservation Service
WDR	waste discharge requirements
ww	wet weight