



## California Department of Fish and Wildlife—Lead Agency



### Ocean Ranch Restoration Project Draft Environmental Impact Report

SCH # 2018062020

September 2020

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**Draft Environmental Impact Report for the  
Ocean Ranch Restoration Project**

**SCH # 2018062020**

Prepared for:



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## Appendices

Appendix A - Notice of Preparation (NOP)

Appendix B - Special-status Wildlife Species Accounts

## Acronyms and Abbreviations

AB	Assembly Bill
AE	Agriculture Exclusive
AG	Agriculture Grazing
AMP	Adaptive Management Program
APN	Assessor Parcel Number
ASTM	American Society for Testing and Materials
AST	aboveground storage tanks
AUM	Animal Unit Months
BAAQMD	Bay Area Air Quality Management District
bgs	below ground surface
BMP	Best Management Practices
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Cal/OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CCC	California Coastal Commission
CCR	California Code of Regulations
CDC	U.S. Center for Disease Control
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CDP	Coastal Development Permit
CE	Common Era
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERES	California Environmental Resources Evaluation System
CESA	California Endangered Species Act
CFCPA	California Farmland Conservancy Program Act
CFGC	California Fish and Game Commission
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CHSC	California Health and Safety Code
CIFF	California Important Farmland Finder
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level

CNPPA	California Native Plant Protection Act
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2e</sub>	carbon-dioxide-equivalent
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CUP	Conditional Use Permit
CWA	Clean Water Act
cy	cubic yard
CZMA	Coastal Zone Management Act
dB	decibel
dBA	A-weighted sound level
DEIR	Draft Environmental Impact Report
DOT	U.S. Department of Transportation
DTSC	Department of Toxic Substances Control
DWR	California Department of Water Resources
EDR	Environmental Data Resources
EIR	Environmental Impact Report
EMS	Environmental Management System
EO	Executive Order
EOC	County Emergency Operations Center
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
ERAP	Eel River Area Plan
EREP	Eel River Estuary Preserve
ESA	Federal Endangered Species Act
ESHA	Environmentally Sensitive Habitat Area
FEMA	Federal Emergency Management Agency
FMMP	Farmland Mapping and Monitoring Program
FMP	Fisheries Management Plan
FPPA	Federal Farmland Protection Policy Act
Ft/s	feet per second
GHG	Greenhouse Gas
GIS	Geographic Information System
gpm	gallons per minute
GSA	groundwater sustainability agency
HAZWOPER	Hazardous Waste Operations and Emergency Response
HBSLRAP	Humboldt Bay Sea Level Rise Adaption Planning
HCAOG	Humboldt County Association of Governments
HCGP	Humboldt County General Plan
HCRCDD	Humboldt County Resource Conservation District
H <sub>2</sub> O	water
HTA	Humboldt Transit Authority



LCC	Land Capability Classification
LCP	Local Coastal Program
Ldn	Day/Night Average Sound Level
Leq	Equivalent Noise Level
LESA	Land Evaluation and Site Assessment
lf	linear feet
Lmax	maximum A-weighted noise level
Lmin	minimum A-weighted noise level
LOS	Level of Service
LRA	Local Responsibility Area
MBTA	Migratory Bird Treaty Act
ml	milliliter
MMT	million metric tons
MPA	Marine Protected Area
msl	mean sea level
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCRWQCB	North Coast Regional Water Quality Control Board
NCUAQMD	North Coast Unified Air Quality Management District
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NOAA	National Oceanic Atmospheric Administration
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWIC	Northwest Information Center
NWS	National Weather Service
OEHHA	California Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHP	California State Office of Historic Preservation
OHV	Off-highway vehicle
OMR	Office of Mine Reclamation
ORV	off road vehicle
PEIR	Programmatic Environmental Impact Report
PG&E	Pacific Gas & Electric
PPM	parts per million
PPT	part per thousand
PPV	Peak Particle Velocity
PRC	Public Resources Code
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement

SB	Senate Bill
SCC	State Coastal Conservancy
sf	square feet
SGMA	Sustainable Groundwater Management Act
SLC	California State Lands Commission
SLR	Sea Level Rise
SMAO	Streamside Management Area Ordinance
SMARA	Surface Mining and Reclamation Act
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TP	Timber Production
THPO	Tribal Historic Preservation Officer
TMDL	total maximum daily load
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDOE	U.S. Department of Energy
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USCG	U.S. Coast Guard
USGS	U.S. Geological Survey
UST	underground storage tank
WBWG	Western Bat Working Group