

LIST OF ACRONYMS AND ABBREVIATIONS

AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ADT	average daily traffic/trips
AGR	agricultural supply (beneficial use)
AHMs	acutely hazardous materials
AMA	Additional Management Area
AMSL	above mean sea level
ANFO	ammonium nitrate/fuel oil
APN	Assessor's Parcel Number
APCD	San Diego County Air Pollution Control District
AQA	Air Quality Analysis
AQIA	Air Quality Impact Analysis
AQUA	aquaculture (beneficial use)
ASCE	American Society of Civil Engineers
ASTM	ASTM International (formerly known as the American Society for Testing of Materials)
ATC	Authority to Construct
Basin Plan	Regional Water Quality Control Plan for the San Diego Basin
BACT	best available control technology
BAT	best available technology economically achievable
BCT	best conventional pollutant control technology
BFSA	Brian F. Smith and Associates
BIOL	biological habitats of special significance (beneficial use)
BLM	Bureau of Land Management
BMO	Biological Mitigation Ordinance
BMPs	Best Management Practices
BOD	Biochemical Oxygen Demand
BRCA	Biological Resource Core Area
BTR	Biological Technical Report
Btu	British thermal unit
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAGN	coastal California gnatcatcher
CalARP	California Accidental Release Prevention
CalEPA	California Environmental Protection Agency
CALGreen Code	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CASQA	California Stormwater Quality Association

CBC	California Building Code
CCA	Corrections Corporation of America
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDF	California Department of Forestry
CDFW	California Department of Fish and Wildlife (formerly California Department of Fish and Game [CDFG])
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFC	Consolidated Fire Code
CFD	community facilities district
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Survey (formerly California Division of Mines and Geology [CDMG])
CH ₄	methane
City	City of San Diego
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COCs	constituents of concern
COD	Chemical Oxygen Demand
COMM	commercial and sport fishing (beneficial use)
Corps	United States Army Corps of Engineers
COS	Conservation and Open Space
County	County of San Diego
CPR	California Prison Health Care Receivership Corporation
CRHR	California Register of Historic Places
CTB	cement-treated base
CWA	Clean Water Act
CWE	Christian Wheeler Engineering
cy	cubic yards
dB	decibels
dBA	A-weighted decibels
DCSS	Diegan coastal sage scrub
DEH	County of San Diego Department of Environmental Health
DEH-VSC	County of San Diego Department of Environmental Health, Vector Surveillance and Control Program
DPM	diesel particulate matter
du	dwelling unit

DWR	California Department of Water Resources
EDAW	EDAW, Inc.
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EnviroMINE	EnviroMINE, Inc.
EO	Executive Order
EOMSP	East Otay Mesa Specific Plan
EPIC	Energy Policy Initiative Center
ESA	Endangered Species Act
EST	estuarine habitat (beneficial use)
Federal Action	Issuance of an amended Section 10(a)(1)(B) permit
FEMA	Federal Emergency Management Agency
FPP	Fire Protection Plan
g	acceleration due to gravity
Geotechnics	Geotechnics, Inc.
GHG	greenhouse gas
GPA	General Plan Amendment
GPS	Global Positioning System
GVWR	gross vehicle weight rating
GWP	global warming potential
H ₂ S	hydrogen sulfide
HA	Hydrologic Area
HAPs	hazardous air pollutants
HARP	Hotspots Analysis Reporting Program
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HCP Covered Species	18 species covered under the Otay Hills HCP
HELIX	HELIX Environmental Planning, Inc.
HI	hazard index
HMA	hot mix asphalt
HMBP	Hazardous Materials Business Plan
HMMD	County of San Diego Division of Hazardous Materials Management Division
hp	horsepower
HRA	Health Risk Assessment
HSA	Hydrologic Subarea
HU	Hydrologic Unit
I-5	Interstate 5
I-805	Interstate 805
IBC	International Building Code
IBI	Index of Biotic Integrity
IBWC	International Boundary and Water Commission

ICBO	International Conference of Building Officials
ICC	International Code Council, Inc.
IDEFO	Inert Debris Engineered Fill Operation
IND	industrial service supply (beneficial use)
Industrial Permit	General Industrial Activity Storm Water Permit
ITE	Institute of Transportation Engineers
ITP	Incidental Take Permit
JCS	joint compressive strength
JRC	joint roughness coefficient
Kda and Kag	Jurassic Santiago Peak Volcanics
kg	kilogram(s)
kV	kilovolt
kWh	kilowatt hour
LAER	lowest achievable emission rate
lb	pound
LCFS	Low Carbon Fuel Standard
LEA	Local Enforcement Agency
LEQ	time-averaged sound level
LOS	level of service
LPC	Light Pollution Code
MAR	marine habitat (beneficial use)
MBAS	methylene blue activated substances
mcy	million cubic yards
MEI	maximum exposed individual
MG	million gallon
mg/l	milligrams per liter
MIGR	migration of aquatic organisms (beneficial use)
MLS	mass loading station
MMBtu	million metric British thermal unit
MMRP	Mitigation Monitoring and Reporting Program
MMT	million metric tons
mph	miles per hour
mdg	miles per gallon
MPOs	Metropolitan Planning Organizations
MSA	Major Statistical Area
MSCP	Multiple Species Conservation Program
MSCP Covered Species	85 species covered under the MSCP County of San Diego Subarea Plan
MT	metric tons
MUN	municipal and domestic supply (beneficial use)
MUP	Major Use Permit
MW	megawatt
MWh	megawatt-hours

N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAV	navigation (beneficial use)
NCCP	Natural Community Conservation Planning
NELs	Numeric Effluent Limitations
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NHTSA	National Highway Transportation Safety Administration
NO _x	oxides of nitrogen
NO ₂	nitrogen dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act
NRCS	U.S. Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSLU	noise sensitive land use
NSR	New Source Review
NTU	Nephelometric Turbidity Unit
O ₃	ozone
OBODM	Open Burn/Open Detonation Dispersion Model
OEHHA	California Office of Environmental Health Hazard Assessment
Ogden	Ogden Environmental and Energy Service Company
OHCA	Otay Hills Conservation Area
OHWM	ordinary high water mark
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OSP	Otay Subregional Plan
Otay Hills HCP	Habitat Conservation Plan for the Otay Hills Project: Major Amendment to the Multiple Species Conservation Program County of San Diego Subarea Plan
OWD	Otay Water District
PAHs	polycyclic aromatic hydrocarbons
PALs	plantwide applicability limitations
PAMA	Pre-approved Mitigation Area
PAR	Property Analysis Record
Pb	lead
PCBs	polychlorinated biphenyls
PCE	Passenger Car Equivalent
PDFs	Project Design Features
PDS	County of San Diego Planning & Development Services
PM	particulate matter

PM ₁₀	respirable particulate matter (smaller than 10 microns)
PM ₅	particulate matter with a diameter of five µm or less
PM ₄	particulate matter with a diameter of four µm or less
PM _{2.5}	fine particulate matter (smaller than 2.5 microns)
ppb	parts per billion
ppm	parts per million
PPV	peak particle velocity
PRC	California Public Resources Code
Proposed Project/Project	Otay Hills Construction Aggregate and Inert Debris Engineered Fill Operation
PSD	Prevention of Significant Deterioration
Qal	Quaternary alluvium
QCB	Quino checkerspot butterfly
QSD	Qualified SWPPP Developer
QSP	Qualified SWPPP Practitioner
RAQS	Regional Air Quality Strategy
RARE	rare, threatened, or endangered species (beneficial use)
RCA	Resource Conservation Area
RCRA	Resource Conservation and Recovery Act
REC-1	contact water recreation (beneficial use)
REC-2	non-contact water recreation (beneficial use)
RELs	reference exposure levels
REZ	Zone Reclassification
RMP	Resource Management Plan
ROD	Record of Decision
ROI	Region of Influence
RPO	Resource Protection Ordinance
RSA	Regionally Significant Arterial
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAM	California Site Assessment and Mitigation Program
SANDAG	San Diego Association of Governments
SANTEC	San Diego Traffic Engineers' Council
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCH	State Clearinghouse
SCIC	South Coastal Information Center
SCS	Sustainable Communities Strategy
SDAB	San Diego Air Basin
SDCFA	San Diego County Fire Authority
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas & Electric

SDIR	State Department of Industrial Relations
SEL	Sound Equivalent Level
sf	square feet/square foot
SFR	Single-family residence
SHELL	shellfish harvesting (beneficial use)
Sheriff	County of San Diego Sheriff's Department
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMARA	California Surface Mining and Reclamation Act of 1975
SMP	Settlement Monitoring Program
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SP	Specific Plan
SPA	Specific Plan Amendment
SPWN	spawning, reproduction and/or early development (beneficial use)
SR	State Route
SRA	State Responsibility Area
Subarea Plan	MSCP County of San Diego Subarea Plan
SWAMP	Surface Water Ambient Monitoring Program
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
T-BACT	Toxics Best Available Control Technology
TCPs	Traditional Cultural Properties
TDS	total dissolved solids
TEUSL	Testing Engineers-U.S. Laboratories
TIF	Transportation Impact Fee
TIS	Traffic Impact Study
TMDL	total maximum daily load
To	Tertiary Otay Formation
TRVRT	Tijuana River Valley Recovery Team
TSS	total suspended solids
TWAS	temporary watershed assessment stations
U.S.	United States
UBC	Uniform Building Code
URFs	unit risk factors
USC	United States Code
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Service
USMC	U.S. Marine Corps
V/C	volume-to-capacity ratio
VMT	vehicle miles traveled

VOCs	volatile organic compounds
WARM	warm freshwater habitat (beneficial use)
Weston	Weston Solutions, Inc.
WILD	wildlife habitat (beneficial use)
Wildlife Agencies	USFWS and CDFW
WMA	Watershed Management Area
WQIP	Water Quality Improvement Plan
WRCC	Western Regional Climate Center
WURMP	Watershed Urban Runoff Management Plan
°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter