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	
1110	Tutionty 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	
210		
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	
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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		
CLITCLIT	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		
СТВ	cement-treated base		
CWA	Clean Water Act		
CWE	Christian Wheeler Engineering		
cy	cubic yards		
c)			
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_2S	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 MBAS mcy MEI MG mg/l MIGR MLS MMBtu MMRP MMT mph mdg MPOs MSA MSCP MSCP Covered Species MT MUN MUN MUP MW	marine habitat (beneficial use) methylene blue activated substances million cubic yards maximum exposed individual million gallon milligrams per liter migration of aquatic organisms (beneficial use) mass loading station million metric British thermal unit Mitigation Monitoring and Reporting Program million metric tons miles per hour miles per gallon Metropolitan Planning Organizations Major Statistical Area Multiple Species Conservation Program 85 species covered under the MSCP County of San Diego Subarea Plan metric tons municipal and domestic supply (beneficial use) Major Use Permit megawatt megawatt megawatt-hours

N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	
NAUFRA NAHC	Native American Graves Protection and Repatriation Act
	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
NOx	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
NIC .	Repletometric Turblarty Onit
O ₃	ozone
OBODM	Open Burn/Open Detonation Dispersion Model
ОЕННА	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
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PM_{10}	respirable particulate matter (smaller than 10 microns)
PM ₅	particulate matter with a diameter of five μ m or less
PM_4	particulate matter with a diameter of four μ m 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
	Sui Diego Gub & Licenie

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
То	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	
USMC	U.S. Geological Service
USMU	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 WILD	Weston Solutions, Inc. 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
$\mu g/m^3$	micrograms per cubic meter