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El Monte Sand Mining Project Draft Subsequent EIR

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List of Acronyms and Abbreviations

A

AB	Assembly Bill
ACI	American Concrete Institute
ACM	Asbestos containing material
ADT	Average daily traffic
AER	Annual Emissions Reporting
AFA	acre-feet per year; acre-feet annually
AIA	Airport Influence Area
ALUCP	Airport Land Use Compatibility Plan
AISC	American Institute of Steel Construction
AMMP	Archaeological Mitigation and Monitoring Plan
AMSL	Above mean sea level
AP zones	Alquist-Priolo Earthquake Fault Zones
APE	Area of Potential Effect
APN	Assessor's Parcel Number
APS	Alternative Planning Strategy
AQCD	Air Quality Conformity Determination
AQMP	air quality management plan
ARB	California Air Resources Board
ASCE	American Society of Civil Engineers

B

BA	Biological Assessment
BACT	Best Available Control Technology
Barona	Barona Band of Mission Indians
BAU	Business as Usual
bgs	below ground surface
Blvd	boulevard
BMO	Biological Mitigation Ordinance
BMP	Best Management Practice(s)
BMP-DM	BMP Design Manual
BO	Biological Opinion
B.P.	before present
BRCA	Biological Resource Core Area
BSA	Biological Study Area

C

CAA	Federal Clean Air Act
CAAA	federal Clean Air Act Amendments of 1990
CAAQS	California Ambient Air Quality Standards
CAFÉ	Corporate Average Fuel Economy
CalARP	California Accidental Release Prevention Program
CAL FIRE	California Department of Forestry and Fire Protection
CalEPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act

CCR	California Code of Regulations
CDC	California Department of Conservation
CDFW	California Department of Fish & Wildlife
CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act
CFCs	Chlorofluorocarbons
CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Survey
CH ₄	Methane
CIP	Capital Improvements Projects
CLUP	Compatibility Land Use Plan
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ e	CO ₂ equivalent
Corps	US Army Corps of Engineers
COS	Conservation and Open Space
County	County of San Diego
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CSS	Coastal Sage Scrub Vegetation
CTMP	Community Trails Master Plan
CUPA	Certified Unified Program Agency
CVUSD	Cajon Valley Union School District
CWA	Federal Clean Water Act
cy	Cubic yards
C&D	Construction and Demolition
D	
dB	Decibel(s)
dBA	A-weighted sound level
DC	Design Consideration
DEH	Department of Environmental Health (San Diego County)
DHS	State Department of Health Services
District	Helix Water District
DOT	United States Department of Transportation
DMG	Division of Mines and Geology
DPLU	Department of Planning & Land Use (San Diego County)
DPM	Diesel Particular Matter
DPR	California Department of Parks and Recreation
DPW	Department of Public Works

	DSOD	Division of Safety of Dams
	DTSC	California Department of Toxic Substances Control
	du	(Number of) dwelling unit(s)
E		
	EDR	Environmental Data Resources
	EIR	Environmental Impact Report
	EPA	Environmental Protection Agency
	ESA	Environmental Sensitive Area
	ESL	Environmental Screening Level
	Endangerment Finding	Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases under the CAA
F		
	°F	degrees Fahrenheit
	FAA	Federal Aviation Administration
	FCF	Flow Control Facility
	FEMA	Federal Emergency Management Agency
	FESA	Federal Endangered Species Act
	FGMV	Fine-grained metavolcanic
	FHWA	Federal Highway Administration
	FIA	Federal Insurance Administration
	FIRM	Flood Insurance Rate Map
	FMMP	Farmland Mapping and Monitoring Program
	FMZ	Fuel Modification Zone
	FONSI	Finding of No Significant Impact
	FPP	Fire Protection Plan
	FTA	Federal Transit Authority
G		
	g	gravity
	GHGs	greenhouse gases
	GIS	Geographic Information Systems
	GPA	General Plan Amendment
	gpd	gallons per day
	gpm	gallons per minute
	GRRP	Groundwater Recharge Reuse Projects
	GUHSD	Grossmont Union High School District
H		
	H&SC	Health and Safety Code
	HAPs	Hazardous Air Pollutants
	HazMat	Hazardous Materials Business Plan
	HCM	Highway Capacity Manual
	HCP	Habitat Conservation Plan
	HFCs	hydrofluorocarbons
	HHSA	County of San Diego Health and Human Services Agency
	HLP	Habitat Loss Permit
	HMBP	Hazards Materials Business Plan
	HMP	Habitat Management Plan
	HMMP	Hydromodification Management Plan
	HP	Horsepower
	HRA	Health Risk Assessment

I		
	I-8	Interstate 8
	IBC	International Building Code
	IHC	Interim Hydromodification Criteria
	IFP	Integrated Facilities Plan
	in/s	Inches per second
	IOD	Irrevocable Offer of Dedication
J		
	JD	Jurisdictional Delineation
	JPA	Joint Power Authority
L		
	LAFCO	Local Agency Formation Commission
	LARA	Local Agricultural Resource Assessment
	LBVI	Least Bell's vireo
	LCFS	Low Carbon Fuel Standard
	LEA	Local Enforcement Agency
	LFPD	Lakeside Fire Protection District
	LHP	USGS Landslide Hazard Program
	LID	Low Impact Development
	LISA Grant	Local Investigations and Studies Assistance Grant Funding Program for Groundwater Conjunctive Use Studies and Investigations
	LLC	Limited Liability Company
	LOS	Level of Service
	LPI	Liquefaction Potential Index
	LPC	Light Pollution Code (County of San Diego)
	LSN	Liquefaction Severity Number
	LU	Landscape Units
	LUSD	Lakeside Union School District
M		
	MACT	Maximum Achievable Control Technology
	MBTA	Migratory Bird Treaty Act
	MCL	Maximum Contaminant Levels
	mgd	Million Gallons per Day
	mg/l	milligrams per liter
	mg/m ³	Milligrams per cubic meter
	µg/m ³	Micrograms per cubic meter
	MHCP	Multiple Habitat Conservation Program
	min	minute(s)
	MLD	Most likely descendant
	mm	millimeters
	MMT	Million Metric Tons
	MMRP	Mitigation Monitoring and Reporting Program
	MOU	Memorandum of Understanding
	mph	miles per hour
	MPO	Metropolitan Planning Organizations
	MRZ	Mineral Resource Zone
	MSCP	Multiple Species Conservation Program
	MSHA	Mine Safety and Health Administration
	MSL	Mean Sea Level
	MUP	Major Use Permit

	MWD	Metropolitan Water District
N		
	NAAQS	National Ambient Air Quality Standards
	NAHC	Native American Heritage Commission
	NAL	Numeric Action Levels
	NCCP	Natural Community Conservation Plan
	NEHRP	National Earthquakes Hazards Reduction Program
	NEL	Numeric Effluent Levels
	NEPA	National Environmental Policy Act
	NESHAP	national emissions standards for HAP
	NFIP	National Flood Insurance Program
	NHPA	National Historic Preservation Act
	NHTSA	National Highway Traffic Safety Administration
	NO2	Nitrogen Dioxide, Nitrite
	N2O	Nitrous oxide
	NOx	Nitrogen Oxides
	NO3	Nitrate
	NOx	Nitrogen Oxides
	NOC	Notice of Completion
	NOD	Notice of Determination
	NOI	Notice of Intent
	NOP	Notice of Preparation
	NPDES	National Pollution Discharge Elimination System
	NRCS	Natural Resources Conservation Service
	NRHP	National Register of Historic Places
	NSA	Noise Sensitive Area
	NSLU	Noise Sensitive Land Use
	NWI	National Wetlands Inventory
	NWRI	National Water Research Institute
O		
	O3	Ozone
	OAL	Office of Administrative Law
	OEHHA	Office of Environmental Health Hazard Assessment (USEPA)
	OES	County Office of Emergency Services
	OMR	Mine Safety and Health Administration
	OPR	Office of Planning and Research
	OSHA	Occupational Safety and Health Administration
P		
	P-C	Production - Consumption
	Padre Dam	Padre Dam Municipal Water District
	PAMA	Pre-Approved Mitigation Area
	Panel	Independent Advisory Panel
	PCB	Polychlorinated biphenyls
	PCC	Portland Cement Concrete
	PCV	Positive crankcase ventilation
	PDS	County Department of Planning and Development Services
	PFCs	perfluorocarbons
	PGA	Peak Ground Acceleration
	PhD	Doctor of Philosophy
	PLDO	Parkland Dedication Ordinance

	PM10	Particulate matter smaller than 10 microns in diameter, respirable particulate matter
	PM _{2.5}	Particulate matter smaller than 2.5 microns in diameter, fine particulate matter
	PMMP	Paleontological Mitigation and Monitoring Plan
	ppm	parts per million
	PPV	Peak particle velocity
	PRC	Public Resource Code
	Project	El Monte Valley Mining, Reclamation, and Groundwater Recharge Project
	PVC	Polyvinyl Chloride
Q		
	Q	Quantity of water flow
R		
	RAQS	Regional Air Quality Strategies
	RCA	Resource Conservation Area
	RCRA	Resource Conservation and Recovery Act
	REC	Recognized environmental condition
	Reclamation	US Bureau of Reclamation
	REL	Reference Exposure Level
	RES	Royal Environmental Services
	RHNA	Regional Housing Needs Assessment
	RMP	Risk management plan
	RMS	Root Mean Square
	ROCs	Reactive organic compounds
	ROG	Reactive organic Gas
	ROW	Right-of-Way
	RPA	Register of Professional Archaeologists
	RPO	Resource Protection Ordinance
	RTP	Regional Transportation Plan
	RTIP	Regional Transportation Improvement Plan
	RWQCB	Regional Water Quality Control Board
S		
	SAA	Streambed Alteration Agreement
	SAM	Site Assessment Mitigation Division
	SAMP	Special Area Management Plan
	SANDAG	San Diego Association of Governments
	SARA	Superfund Amendments and Reauthorization Act
	SCAQMD	South Coast Air Quality Management District
	SCS	Sustainable Communities Strategy
	SCIC	South Coast Information Center
	SDAB	San Diego Air Basin
	SDAPCD	San Diego Air Pollution Control District
	SDC	Seismic Design Criteria
	SDCSD	San Diego County Sherriff's Department
	SDCWA	San Diego County Water Authority
	SDG&E	San Diego Gas & Electric
	SEAOC	Structural Engineers Association of California
	s.f.	square foot, square feet
	SF ₆	sulfur hexafluoride
	SFHA	Special Flood Hazard Areas

SGMA	Sustainable Groundwater Management Act
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SLF	Sacred Lands File
SLT	Screening Level Thresholds
SMARA	Surface Mining and Reclamation Act of 1975
SMGB	State Mining and Geology Board
SO ₂	Sulfur Dioxide, sulfite
SO _x	Sulfur Oxides
SO ₄	Sulfate
SR	State Route
SSM	Stormwater Standards Manual
STIP	Statewide Transportation Improvement Plan
STLC	Soluble threshold limit concentrations
STP	Shovel Test Pit
SUSMP	Standard Urban Stormwater Mitigation Plan
SVP	Society of Vertebrate Paleontology
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board

T

TACs	Toxic Air Contaminants
T-BACT	Toxics Best Available Control Technology
TCLP	Toxic Characteristic Leaching Procedure
TCM	Transportation Control Measures
TCP	Traffic Control Plan
TDS	Totally Dissolved Solids
TEFC	Totally Enclosed Fan Cooled
TIA	Traffic Impact Analysis
TIF	Transport Impact Fee
TIS	Traffic Impact Study
TMDL	Total Maximum Daily Load
TOC	Total Organic Carbon
tons/yr	tons per year
TP	Total phosphorus
TPC	tons per capita
tpd	tons per day
TPMT	Trails Program Management Team
tpy	tons per year
TSS	Total Suspended Solids
TTLC	Total threshold limit concentrations

U

UBC	Uniform Building Code
URBEMIS	Urban Emissions Model
UFC	Uniform Fire Code
USACE	US Army Corps of Engineers
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USEPA	United State Environmental Protection Agency (see OEHHA)
USFWS	United States Fish & Wildlife Service

	USGS	United States Geological Survey
	UST	Underground Storage Tank
	UWMP	Urban Water Management Plan
V		
	VdB	Vibration decibels
	VFMP	Valley Fever Management Plan
	VIA	Visual Impact Analysis
	Viejas	Viejas Band of Kumeyaay Indians
	VMP	Vector Management Plan
	VMT	Vehicle Miles Traveled
	VOCs	Volatile organic compounds
W		
	WDR	Waste Discharge Requirement
	WPO	Watershed Protection, Stormwater Management, and Discharge Control Ordinance
	WRCC	Western Regional Climate Center
	WRF	Water Recycling Facility
Z		
	ZOI	Zone of Influence
Symbols		
	$\mu\text{g}/\text{m}^3$	micrograms per cubic meter

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