

ACRONYMS AND ABBREVIATIONS

ACGs	allisions, collisions and groundings	CDMG	California Division of Mines and Geology
ACMs	asbestos containing materials	CEQ	Council on Environmental Quality
ACTA	Alameda Corridor Transportation Authority	CEQA	California Environmental Quality Act
AHM	acutely hazardous materials	CERCLA	Comprehensive Environmental Response, Compensation, Liability Act
AIRFA	American Indian Religious Freedom Act of 1978	CFC	Chlorofluorocarbons
AMECS	Alternative Maritime Emission Control System	CFR	Code of Federal Regulations
AMP	Alternative Maritime Power	CHC	City of Los Angeles Cultural Heritage Commission
ARB	California Air Resources Board	CHE	cargo handling equipment
ARPA	Archaeological Protection Act of 1979	CLE	contingency level earthquake
AQMP	Air Quality Management Plan	cm	centimeter
ARSSS	Anchorage Road Soil Storage Site	CMA	Critical Movement Analysis
BACM	Best Available Control Measures	CMP	Congestion Management Plan
BACT	Best Available Control Technologies	CNEL	Community Noise Equivalent Level
Basin	South Coast Air Basin	CNG	compressed natural gas
BFI	Browning Ferris Industries	CO	carbon monoxide
b.p.	before present	COTP	Captain of the Port
BLM	Bureau of Land Management	CRA/LA	City of Los Angeles Community Redevelopment Agency
BMP	best management practice	CRHR	California Register of Historic Resources
BNSF	Burlington Northern Santa Fe	CSLC	California State Lands Commission
BSFL	brake-specific fuel consumption	CSTF	Contaminated Sediments Task Force
CAA	Federal Clean Air Act	CTP	Clean Trucks Program
CAAP	Clean Air Action Plan	CTR	California Toxics Rule
CAAQS	California Ambient Air Quality Standards	CUPA	Certified Unified Program Agency
CAC	California Administrative Code	CWA	Clean Water Act
CalEPA	California Environmental Protection Agency	CWC	California Water Code
Caltrans	California Department of Transportation	cy	cubic yards
CARB	California Air Resources Board	CZMA	Coastal Zone Management Act
CCAA	California Clean Air Act	DA	Department of the Army
CCAR	California Climate Action Registry	dB	decibel
CCC	California Coastal Commission	dba	A-weighted sound level
CCR	California Code of Regulations	dbc	C-weighted sound level
CCW	Clean Coastal Waters	D/C	demand-to-capacity
CDF	confined disposal facility	DDD	Dichlorodiphenyldichloroethane
CDFG	California Department of Fish and Game	DDE	Dichlorodiphenyldichloroethylene
		DDT	Dichlorodiphenyltrichloroethane
		DHS	Department of Health Services

DNAPL	dense non-aqueous phase liquid	HFO	heavy fuel oil
DO	dissolved oxygen	HHW	higher high water
DoD	Department of Defense	HLW	higher low water
DOC	diesel oxidation catalyst	HMI	Hazardous Materials Inventory
DOGGR	Conservation Division of Oil, Gas, and Geothermal Resources	HMSD	Hazardous Materials Standards Division
DOI	Department of the Interior	HPOZ	City of Los Angeles Historic Preservation Overlay Zone
DOT	Department of Transportation	HRA	Health Risk Assessment
DPF	diesel particulate filter	HSP	Harbor Safety Plan
DPM	diesel particulate matter	HSWA	Hazardous and Solid Waste Amendments
DPT	diesel particulate traps	HVAC	heating, ventilating, & air conditioning
DTSC	California Department of Toxic Substance Control	Hz	Hertz
DWP	Department of Water and Power	ICTF	Intermodal Container Terminal Facility
EA	Environmental Assessment	ICU	Intersection Capacity Utilization
EEZ	Exclusive Economic Zone	IES	Illuminating Engineering Society of North America
EF	emission factor	ILWU	International Longshore and Warehouse Union
EFH	Essential Fish Habitat	IMO	International Maritime Organization
EIR	Environmental Impact Report	IS	Initial Study
EIS	Environmental Impact Statement	ISPS	International Ship and Port Facility Security
EMD	Environmental Management Division	ITS	International Transportation Service
EMS	Environmental Management System	IWG	Interagency Working Group
EMS	Emergency Medical Service	kHz	kilohertz
EPA	U.S. Environmental Protection Agency	kWh	kilowatt hour
EPCRA	Emergency Planning and Community Right-To-Know Act	LACD	Los Angeles Customs District
ERL	effect range low	LACFD	Los Angeles County Fire Department
ERM	effect range medium	LACMTA	Los Angeles County Metropolitan Transportation Authority
ESA	Endangered Species Act	LADOT	Los Angeles Department of Transportation
FAR	floor area ratio	LAFD	Los Angeles City Fire Department
FARS	Fatality Analysis Reporting System	LAHD	Los Angeles Harbor Department
FEMA	Federal Emergency Management Agency	LAMC	Los Angeles Municipal Code
FERC	Federal Energy Regulatory Commission	LA&SP	Los Angeles & San Pedro Railroad
FHWA	Federal Highway Administration	LAPD	Los Angeles Police Department
FMP	Fishery Management Plan	LADWP	Los Angeles Department of Water and Power
FONSI	Finding Of No Significant Impact	LARWQCB	Los Angeles RWQCB
fps	feet per second	LCP	Local Coastal Plan
FS	Feasibility Study	Ldn	day-night noise level
FSA	Facility Security Assessment	LEDPA	least environmentally damaging practicable alternative
FSO	Facility Security Officer	Leq	energy-equivalent noise level
FSP	Facility Security Plan	LEED	Leadership in Energy and Environmental Design
FTZ	Foreign Trade Zone	LEPC	Local Emergency Planning Committee
ft	feet	LEV	Low Emissions Vehicle
°F	degrees Fahrenheit	lbs/day	pounds per day
g	gram	LHW	lower high water
GHG	greenhouse gas	LLW	lower low water
gpm	gallons per minute	LNG	liquefied natural gas
GMP	Growth Management Plan	LORS	laws, ordinances, regulations, and standards
g/m ²	grams per square meter		
GVWR	gross vehicle weight rating		
ha	hectare		
HCFC	hydrochlorofluorocarbons		
HDV	heavy-duty vehicles		
HEP	Harbors Environmental Projects		
HEPA	high efficiency particulate air		

LOS	Level of Service	NMFS	National Marine Fisheries Service
LPC	limiting permissible concentration	NNI	No Net Increase
m	meter	NO ₂	nitrogen dioxide
m ²	square meter	NOI	Notice of Intent
M13	Marine Vessel Emissions Control Strategy	NOAA	National Oceanic and Atmospheric Administration
M	magnitude (as in magnitude on the Richter scale for earthquakes)	NOP	Notice of Preparation
MARAD	U.S. Maritime Administration	NOPs/ISs	Notices of Preparation/Initial Studies
MARSEC	Maritime Security	NOS	National Ocean Service
MATES II	Multiple Air Toxics Exposure Study II	NO _x	nitrogen oxides
MCE	maximum credible earthquake	NPDES	National Pollutant Discharge Elimination System
mcm	million cubic meters	NPS	non-point source
mcy	million cubic yards	NRC	National Response Center
mgd	million gallons per day	NRHP	National Register of Historic Places
mg/kg	milligrams per kilogram	NTU	nephelometric turbidity unit
mg/l	milligrams per liter	O ₃	ozone
MLLW	mean lower low water	OEHHA	Office of Environmental Health Hazard Assessment
MMPA	Marine Mammal Protection Act	OES	Office of Emergency Services
MMRP	Mitigation Monitoring and Reporting Program	OGV	ocean going vessel
MND	Mitigated Negative Declaration	OHP	California Office of Historic Preservation
MOA	Memorandum of Agreement	OLE	operational level earthquake
MOL	Mitsui O.S.K. Lines Ltd	OPR	Office of Planning and Research
MOTEMS	Marine Oil Terminal Engineering and Maintenance Standards	OSCP	Oil Spill Contingency Plan
MOU	Memorandum of Understanding	OSHA	Occupational Safety and Health Administration
MP	Monitoring Plan	OSPR	Office of Spill Prevention and Response
MPE	maximum probable earthquake	PAH	polynuclear aromatic hydrocarbon
mph	miles per hour	PBCF	Propeller Boss Cap Fins
MPO	Municipal Planning Organization	PCAC	Port Community Advisory Committee
MPRSA	Marine Protection, Research and Sanctuaries Act	PCB	polychlorinated biphenyl
MRZ	Mineral Resource Zone	PCE	passenger car equivalent
MSL	mean sea level	PCE	tetrachloroethene
MTA	Metropolitan Transit Authority	PCH	Pacific Coast Highway
MTSA	Maritime Transportation Security Act	PERP	Portable Equipment Registration Program
MWD	Metropolitan Water District of Southern California	pH	potential hydrogen ion concentration
MWh	megawatt hours	PHL	Pacific Harbor Railroad
MXA	Municipal Area Express	PIANC	Port International Navigation Association
µg/m ³	micrograms per cubic meter	PM	Particulate matter
NAAQS	National Ambient Air Quality Standards	PMA	Pacific Maritime Association
NAC	Noise Abatement Criteria	PMP	Port Master Plan
NAGPRA	Native American Graves Protection and Repatriation Act of 1990	PMSA	Pacific Maritime Steamship Association
NAHC	Native American Heritage Commission	PM _{2.5}	particulate matter less than 2.5 microns
NAPHL	non-aqueous phase liquids	PM ₁₀	particulate matter less than 10 microns
NBG	Neighborhood Block Grant	POLA	Port of Los Angeles
NEPA	National Environmental Policy Act	POLACAP	Port of Los Angeles Clean Air Program
NFPA	National Fire Protection Association	POLB	Port of Long Beach
NHPA	National Historic Preservation Act	Port	Port of Los Angeles
NHTSA	National Highway Traffic Safety Administration	PORTS	Physical Oceanographic Real Time System
nm	nautical mile	ppm	parts per million

ppmv	parts per million by volume	SPCC	Spill Prevention Control and Countermeasure Plan
ppt	parts per thousand	SPRR	Southern Pacific Railroad
PRC	Public Resources Code	SR	State Route
psi	pounds per square inch	SSO	Ship Security Officer
psig	pounds per square inch gauge	SUSMP	Standard Urban Stormwater Mitigation Plan
PTC	Permit to Construct	SVOC	semi-volatile organic compound
RCRA	Resource Conservation and Recovery Act	SWH	shallow water habitat
RDP	Rio Doce Pasha	SWPPP	Storm Water Pollution Prevention Plan
RFID	Radio Frequency Identification	SWRCB	State Water Resources Control Board
RGMP	Regional Growth Management Plan	TAC	toxic air contaminant
RHA	Rivers and Harbors Act	TAP	Technological Advancement Program
RIMS	Response Information Management System	TCA	tetrachloroethane
RMG	rail-mounted gantry crane	TCE	perchloroethylene
RMP	Regional Mobility Plan	TCLP	Toxicity Characterization Leaching Procedure
RMP	Risk Management Plan	TDS	Total Dissolved Solids
RMPP	Risk Management and Prevention Program	TEU	twenty-foot equivalent unit
RNA	regulated navigation area	TIA	Traffic Impact Analysis
ROC	reactive portion of VOCs	TICTF	Terminal Island Intermodal Container Transfer Facility
ROD	Record of Decision	TIFA	Trucks Involved in Fatal Accidents
ROG	reactive organic gases	TITP	Terminal Island Treatment Plant
ROI	Region of Influence	TMDL	Total Maximum Daily Load
RRP	Release Response Plan	TMP	Transportation Master Plan
RTG	rubber tired gantry cranes	TNAP	Traffic Noise Analysis Protocol
RTP	Regional Transportation Plan	TPH	total petroleum hydrocarbons
RWQCB	Regional Water Quality Control Board, Los Angeles Region	TRB	Transportation Research Board
SAA	Streambed Alteration Agreement	TSA	Transportation Security Administration
SAIC	Science Applications International Corporation	TWIC	Transportation Worker Identification Credential
SARA	Superfund Amendments and Reauthorization Act	UBC	Uniform Building Code
SCAB	South Coast Air Basin	UFP	ultra fine particles
SCAG	Southern California Association of Governments	ULSD	ultra-low sulfur diesel
SCAQMD	South Coast Air Quality Management District	UP	Union Pacific
SCCB	Southern California Continental Borderland	UPPR	Union Pacific Railroad
SCG	Southern California Gas Company	USACE	U.S. Army Corps of Engineers
SCP	Source Control Program	USC	United States Code
SCR	selective catalytic reduction	USCG	U.S. Coast Guard
SEAs	Significant Ecological Areas	USDA	U.S. Department of Agriculture
SEIR	Supplemental Environmental Impact Report	USDOJ	U.S. Department of Interior
SEIS	Supplemental Environmental Impact Statement	USDOT	U.S. Department of Transportation
SERC	State Emergency Response Commission	USEPA	U.S. Environmental Protection Agency
SHPO	State Historic Preservation Office	USFWS	U.S. Fish and Wildlife Service
SIP	State Implementation Plan	UST	underground storage tanks
SMARA	Surface Mining and Reclamation Act of 1975	UWMP	Urban Water Management Plan
SO ₂	sulfur dioxide	V/C	volume to capacity
SO _x	sulfur oxides	VDECS	Verified Diesel Emission Control System
		VHF-FM	very high frequency-frequency modulation
		VMC	Visual Modification Class
		VOC	volatile organic compound
		VRM	Visual Resource Management
		VSRP	Vessel Speed Reduction Program

VSP	Vessel Security Plan	WDR	Waste Discharge Requirement
VTSS	Vessel Traffic Service	WEFA	Wharton Economic Forecasting Associates
WBTIP	West Basin Transportation Improvements Program	WQS	Water Quality Standards

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