

ACRONYMS AND ABBREVIATIONS

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

| | | | |
|------------------|--|----------------|--|
| DPM | diesel particulate matter | ILWU | International Longshore and Warehouse Union |
| DTSC | California Department of Toxic Substance Control | IMO | International Maritime Organization |
| DWP | Department of Water and Power | IS | Initial Study |
| EA | Environmental Assessment | ISPS | International Ship and Port Facility Security |
| EEZ | Exclusive Economic Zone | ITS | International Transportation Service |
| EF | emission factor | IWG | Interagency Working Group |
| EFH | Essential Fish Habitat | kHz | kilohertz |
| EIR | Environmental Impact Report | kWh | kilowatt hour |
| EIS | Environmental Impact Statement | LACD | Los Angeles Customs District |
| EMD | Environmental Management Division | LACFD | Los Angeles County Fire Department |
| EMS | Environmental Management System | LACMTA | Los Angeles County Metropolitan Transportation Authority |
| EMS | Emergency Medical Service | LADOT | Los Angeles Department of Transportation |
| EPA | U.S. Environmental Protection Agency | LAFD | Los Angeles City Fire Department |
| EPCRA | Emergency Planning and Community Right-To-Know Act | LAHD | Los Angeles Harbor Department |
| ERL | effect range low | LAMC | Los Angeles Municipal Code |
| ERM | effect range medium | LA&SP | Los Angeles & San Pedro Railroad |
| ESA | Endangered Species Act | LAPD | Los Angeles Police Department |
| FAR | floor area ratio | LADWP | Los Angeles Department of Water and Power |
| FARS | Fatality Analysis Reporting System | LARWQCB | Los Angeles RWQCB |
| FEMA | Federal Emergency Management Agency | LCP | Local Coastal Plan |
| FHWA | Federal Highway Administration | Ldn | day-night noise level |
| FMP | Fishery Management Plan | LEDPA | least environmentally damaging practicable alternative |
| FONSI | Finding Of No Significant Impact | Leq | energy-equivalent noise level |
| fps | feet per second | LEPC | Local Emergency Planning Committee |
| FS | Feasibility Study | LEV | Low Emissions Vehicle |
| FSA | Facility Security Assessment | lbs/day | pounds per day |
| FSO | Facility Security Officer | LHW | lower high water |
| FSP | Facility Security Plan | LLW | lower low water |
| ft | feet | LNG | liquefied natural gas |
| °F | degrees Fahrenheit | LORS | laws, ordinances, regulations, and standards |
| g | gram | LOS | Level of Service |
| gpm | gallons per minute | LPC | limiting permissible concentration |
| GMP | Growth Management Plan | m | meter |
| g/m ² | grams per square meter | m ² | square meter |
| ha | hectare | M13 | Marine Vessel Emissions Control Strategy |
| HEP | Harbors Environmental Projects | M | magnitude (as in magnitude on the Richter scale for earthquakes) |
| HHW | higher high water | MARAD | U.S. Maritime Administration |
| HLW | higher low water | MARSEC | Maritime Security |
| HMI | Hazardous Materials Inventory | MATES II | Multiple Air Toxics Exposure Study II |
| HMSD | Hazardous Materials Standards Division | MCE | maximum credible earthquake |
| HPOZ | City of Los Angeles Historic Preservation Overlay Zone | mcm | million cubic meters |
| HRA | Health Risk Assessment | mcy | million cubic yards |
| HSP | Harbor Safety Plan | mgd | million gallons per day |
| HSWA | Hazardous and Solid Waste Amendments | mg/kg | milligrams per kilogram |
| Hz | Hertz | mg/l | milligrams per liter |
| ICTF | Intermodal Container Terminal Facility | MLLW | mean lower low water |
| ICU | Intersection Capacity Utilization | | |
| IES | Illuminating Engineering Society of North America | | |

| | | | |
|-------------------|--|-------------------|--|
| MMPA | Marine Mammal Protection Act | OSPR | Office of Spill Prevention and Response |
| MND | Mitigated Negative Declaration | PAH | polynuclear aromatic hydrocarbon |
| MOA | Memorandum of Agreement | PCAC | Port Community Advisory Committee |
| MOTEMS | Marine Oil Terminal Engineering and Maintenance Standards | PCB | polychlorinated biphenyl |
| MOU | Memorandum of Understanding | PCE | passenger car equivalent |
| MP | Monitoring Plan | PCE | tetrachloroethene |
| MPE | maximum probable earthquake | PCH | Pacific Coast Highway |
| mph | miles per hour | PERP | Portable Equipment Registration Program |
| MRZ | Mineral Resource Zone | pH | potential hydrogen ion concentration |
| MSL | mean sea level | PHL | Pacific Harbor Railroad |
| MTA | Metropolitan Transit Authority | PIANC | Port International Navigation Association |
| MTSA | Maritime Transportation Security Act | PM | Particulate matter |
| MWD | Metropolitan Water District of Southern California | PMA | Pacific Maritime Association |
| MWh | megawatt hours | PMP | Port Master Plan |
| MXA | Municipal Area Express | PM _{2.5} | particulate matter less than 2.5 microns |
| µg/m ³ | micrograms per cubic meter | PM ₁₀ | particulate matter less than 10 microns |
| NAAQS | National Ambient Air Quality Standards | POLA | Port of Los Angeles |
| NAC | Noise Abatement Criteria | POLACAP | Port of Los Angeles Clean Air Program |
| NAGPRA | Native American Graves Protection and Repatriation Act of 1990 | POLB | Port of Long Beach |
| NAHC | Native American Heritage Commission | Port | Port of Los Angeles |
| NAPHL | non-aqueous phase liquids | PORTS | Physical Oceanographic Real Time System |
| NBG | Neighborhood Block Grant | ppm | parts per million |
| NEPA | National Environmental Policy Act | ppmv | parts per million by volume |
| NFPA | National Fire Protection Association | ppt | parts per thousand |
| NHPA | National Historic Preservation Act | PRC | Public Resources Code |
| NHTSA | National Highway Traffic Safety Administration | psi | pounds per square inch |
| nm | nautical mile | psig | pounds per square inch gauge |
| NMFS | National Marine Fisheries Service | PTC | Permit to Construct |
| NNI | No Net Increase | RCRA | Resource Conservation and Recovery Act |
| NO ₂ | nitrogen dioxide | RDP | Rio Doce Pasha |
| NOI | Notice of Intent | RGMP | Regional Growth Management Plan |
| NOAA | National Oceanic and Atmospheric Administration | RHA | Rivers and Harbors Act |
| NOP | Notice of Preparation | RIMS | Response Information Management System |
| NOPs/ISs | Notices of Preparation/Initial Studies | RMP | Regional Mobility Plan |
| NOS | National Ocean Service | RMP | Risk Management Plan |
| NO _x | nitrogen oxides | RMPP | Risk Management and Prevention Program |
| NPDES | National Pollutant Discharge Elimination System | RNA | regulated navigation area |
| NPS | non-point source | ROC | reactive portion of VOCs |
| NRC | National Response Center | ROD | Record of Decision |
| NRHP | National Register of Historic Places | ROG | reactive organic gases |
| NTU | nephelometric turbidity unit | ROI | Region of Influence |
| O ₃ | ozone | RRP | Release Response Plan |
| OEHHA | Office of Environmental Health Hazard Assessment | RTG | rubber tired gantry cranes |
| OES | Office of Emergency Services | RWQCB | Regional Water Quality Control Board, Los Angeles Region |
| OHP | California Office of Historic Preservation | SAA | Streambed Alteration Agreement |
| OLE | operational level earthquake | SAIC | Science Applications International Corporation |
| OPR | Office of Planning and Research | | |
| OSCP | Oil Spill Contingency Plan | | |

| | | | |
|-----------------|--|--------|--|
| SARA | Superfund Amendments and Reauthorization Act | TIA | Traffic Impact Analysis |
| SCAB | South Coast Air Basin | TICTF | Terminal Island Intermodal Container Transfer Facility |
| SCAG | Southern California Association of Governments | TIFA | Trucks Involved in Fatal Accidents |
| SCAQMD | South Coast Air Quality Management District | TITP | Terminal Island Treatment Plant |
| SCCB | Southern California Continental Borderland | TMDL | Total Maximum Daily Load |
| SCG | Southern California Gas Company | TMP | Transportation Master Plan |
| SCP | Source Control Program | TNAP | Traffic Noise Analysis Protocol |
| SEAs | Significant Ecological Areas | TPH | total petroleum hydrocarbons |
| SEIR | Supplemental Environmental Impact Report | TRB | Transportation Research Board |
| SEIS | Supplemental Environmental Impact Statement | TSA | Transportation Security Administration |
| SERC | State Emergency Response Commission | TWIC | Transportation Worker Identification Credential |
| SHPO | State Historic Preservation Office | UBC | Uniform Building Code |
| SIP | State Implementation Plan | UPRR | Union Pacific Railroad |
| SMARA | Surface Mining and Reclamation Act of 1975 | USACE | U.S. Army Corps of Engineers |
| SO ₂ | sulfur dioxide | USC | United States Code |
| SO _x | sulfur oxides | USCG | U.S. Coast Guard |
| SPCC | Spill Prevention Control and Countermeasure Plan | USDA | U.S. Department of Agriculture |
| SPRR | Southern Pacific Railroad | USDI | U.S. Department of Interior |
| SR | State Route | USDOT | U.S. Department of Transportation |
| SSO | Ship Security Officer | USEPA | U.S. Environmental Protection Agency |
| SUSMP | Standard Urban Stormwater Mitigation Plan | USFWS | U.S. Fish and Wildlife Service |
| SVOC | semi-volatile organic compound | UST | underground storage tanks |
| SWH | shallow water habitat | UWMP | Urban Water Management Plan |
| SWPPP | Storm Water Pollution Prevention Plan | V/C | volume to capacity |
| SWRCB | State Water Resources Control Board | VDECS | Verified Diesel Emission Control System |
| TAC | toxic air contaminant | VHF-FM | very high frequency-frequency modulation |
| TCA | tetrachloroethane | VMC | Visual Modification Class |
| TCE | perchloroethylene | VOC | volatile organic compound |
| TCLP | Toxicity Characterization Leaching Procedure | VRM | Visual Resource Management |
| TDS | Total Dissolved Solids | VSRP | Vessel Speed Reduction Program |
| TEU | twenty-foot equivalent unit | VSP | Vessel Security Plan |
| | | VTS | Vessel Traffic Service |
| | | WBTIP | West Basin Transportation Improvements Program |
| | | WDR | Waste Discharge Requirement |
| | | WEFA | Wharton Economic Forecasting Associates |
| | | WQS | Water Quality Standards |