
9 ACRONYMS AND ABBREVIATIONS

The following is a list of abbreviations, definitions, and acronyms that are used in this Draft EIR:

Symbols

| | |
|-------------------|----------------------------|
| μPa | micropascals |
| μg/m ³ | micrograms per cubic meter |
| Δ | change |

A

| | |
|---------|--|
| AAA | Anti-Aircraft Artillery |
| AAIA | Airport and Airway Improvement Act of 1982 |
| AAM | Annual Arithmetic Mean |
| AB | Assembly Bill |
| AB2588 | California Air Toxics “Hotspots” Assessment and Information Act |
| ACHP | President’s Advisory Council on Historic Preservation |
| ACM | asbestos-containing material |
| ADWF | Average Daily Water Flow |
| AEP | Airport Emergency Plan |
| AEP | Association of Environmental Professionals |
| AERMIC | American Meteorological Society (AMS)/United States Environmental Protection Agency (EPA) Regulatory Model Improvement Committee |
| AEROMOD | Model developed by AERMIC |
| AF | Acre-feet |
| AFY | acre-foot per year |
| AGL | Above ground level |
| AHPA | Archaeological and Historic Preservation Act |
| AIP | Airport Improvement Program |
| AIRFA | American Indian Religious Freedom Act |
| Airport | Los Angeles International Airport |
| ALUC | Airport Land Use Commission |
| ALUP | Airport Land Use Plan |
| AMS | American Meteorological Society |
| AMSL | Above Mean Sea Level |
| ANOMS | Airport Noise and Operations Monitoring System |
| ANSA | Aviation Safety and Noise Abatement Act of 1979 |

9.0 Acronyms and Abbreviations

| | |
|-------|---|
| ANSI | American National Standards Institute |
| APSA | Aboveground Petroleum Storage Act |
| AQ | Air Quality |
| AQMD | Air Quality Management District |
| AQMP | Air Quality Management Plan |
| ARFF | Airport Rescue and Firefighting Services |
| ARPA | Archaeological Resources Protection Act |
| ASCE | American Society of Civil Engineers |
| ASNA | Aviation Safety and Noise Abatement Act of 1979 |
| ATCS | Adaptive Traffic Control System |
| ATP | Archaeological Treatment Plan |
| ATSAC | Automated Traffic Surveillance and Control |

B

| | |
|--------|--|
| Basin | South Coast Air Basin |
| BAAQMD | Bay Area Air Quality Management District |
| BC | Biotic Communities |
| bgs | below ground surface |
| BMPs | Best Management Practices |
| BOAC | Board of Airport Commissioners |
| BOD | biological oxygen demand |
| BOS | City of Los Angeles Department of Public Works, Bureau of Sanitation |
| BPA | Business Plan Act |
| BRSA | Biological Resources Study Area |
| BRT | Bus Rapid Transit |
| BWP | LAX Bradley West Project |

C

| | |
|----------|--|
| C | Construction |
| CAA | Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| CAC | California Administrative Code |
| CalEEMod | California Emission Estimator Model version 2011.1.1 |
| Cal EMA | California Emergency Management Agency |
| Cal/EPA | California Environmental Protection Agency |

9.0 Acronyms and Abbreviations

| | |
|-----------------|--|
| CALGreen Code | California Green Building Standards Code |
| Caltrans | California Department of Transportation |
| CAPCOA | California Air Pollution Control Officers Association |
| CARB | California Air Resources Board |
| CBC | California Building Code |
| CBSC | California Building Standards Code |
| CCAA | California Clean Air Act |
| CCAR | California Climate Action Registry |
| CCR | California Code of Regulations |
| CCTV | closed circuit television |
| CDFW | California Department of Fish and Wildlife |
| CDP | Conceptual Drainage Plan |
| CDHS | California Department of Health Services |
| CEC | California Energy Commission |
| CEQA | California Environmental Quality Act |
| CERCLA | Comprehensive Environmental Response, Compensation & Liability Act |
| CERFA | Community Environmental Response Facilitation Act |
| CESA | California Endangered Species Act |
| CFC | California Fire Code |
| CFCs | Chlorofluorocarbons |
| CFR | Code of Federal Regulations |
| cf | Cubic feet |
| cfs | cubic feet per second |
| CGS | California Geologic Survey |
| CH ₄ | Methane |
| CHLs | California Historical Landmarks |
| CIS | Coastal Interceptor Sewer |
| CiSWMPP | City of Los Angeles Solid Waste Management Policy Plan |
| CLA-FE | City of Los Angeles General Plan Framework Element |
| CLUP | Comprehensive Land Use Plan |
| CMA | Critical Movement Analysis |
| CMP | Congestion Management Program |
| CNDDb | California Natural Diversity Database |
| CNEL | Community Noise Equivalent Level |

9.0 Acronyms and Abbreviations

| | |
|-------------------|--|
| CNPS | California Native Plant Society |
| CNRA | California Natural Resources Agency |
| CO | Carbon Monoxide |
| CO ₂ | Carbon Dioxide |
| CO ₂ e | carbon dioxide equivalent |
| COD | chemical oxygen demand |
| COS | Central Outfall Sewer |
| COMPSTAT | LAPD Computer Statistics Unit |
| ConRac | Consolidated Rental Car Facility |
| Cortese List | Hazardous Waste and Substances Sites List |
| CP | Cancer Potency |
| CPA | Community Plan Areas |
| CPHIs | California Points of Historical Interest |
| CPTs | Cone Penetration Tests |
| CRHR | California Register of Historic Resources |
| CTA | Central Terminal Area |
| CTCSP | Coastal Transportation Corridor Specific Plan |
| CUP | Central Utility Plant |
| CUPA | Certified Unified Program Agency |
| CVC | California Vehicle Code |
| CWA | United States Clean Water Act |
| CWC | California Water Code |
| CWMPA | California Urban Water Management Planning Act |
| CY | Cubic Yards |

D

| | |
|-----|---|
| DA | Design, Art, and Architecture Applications/Aesthetics |
| dB | decibel |
| dBA | A-weighted decibels |
| DBR | daily breathing rate |
| dbh | Diameter at breast-height |
| DDT | Dichlorodiphenyltrichloroethane |
| DHS | California Department of Health Services |
| DNL | Day-Night Average Sound Level |

9.0 Acronyms and Abbreviations

| | |
|----------------------|---|
| DOA | Department of Airports |
| DOE | Determination of Eligibility |
| DOGGR | Division of Oil, Gas and Geothermal Resources |
| Downtown Westchester | Westchester Business District |
| DPM | Diesel Exhaust Particulate Matter |
| DTSC | California Department of Toxic Substances Control |
| E | |
| E | Energy |
| EB | Eastbound |
| EIR | Environmental Impact Report |
| EIS | Environmental Impact Statement |
| EMFAC 2007 | Emission FACtor model |
| EMS | Emergency Medical Services |
| Envirofacts | United States Environmental Protection Agency Envirofacts Multisystem Search |
| EnviroStor | California Environmental Protection Agency Department of Toxic Substances EnviroStor Database |
| EO | Executive Order |
| EOO | Emergency Operations Organization |
| EPA | United States Environmental Protection Agency |
| EPAct | Energy Policy Act of 1992 |
| EPCRA | Emergency Planning & Community Right to Know Act |
| ESA | Federal Endangered Species Act |
| ET | Endangered and Threatened Species |
| EVF | exposure value factor |
| F | |
| FAA | Federal Aviation Administration |
| FAR | Federal Aviation Regulations |
| FC | Federal candidate species |
| FE | Federal Endangered |
| FEIR | Final Environmental Impact Report |
| FEMA | Federal Emergency Management Agency |
| FHA | Federal Housing Administration |

9.0 Acronyms and Abbreviations

| | |
|------|--------------------------------|
| FHWA | Federal Highway Administration |
| FIRM | Flood Insurance Rate Maps |
| FP | Fire Protection |
| FT | Federal Threatened |
| FSC | Species of Concern |
| FTA | Federal Transit Administration |
| FY | Fiscal Year |

G

| | |
|---------------|--|
| g | Times the acceleration of gravity |
| GCC | global climate change |
| GCP | General Construction Permit |
| Geotracker | California Environmental Protection Agency State Water Resources Control Board Geotracker Database |
| GHG | Greenhouse Gases |
| GHGRP | Greenhouse Gas Reporting Program |
| GIS | Geographical Information System |
| gpd | Gallons per day |
| GPM | Gallons per minute |
| Green LA Plan | Action Plan to Lead the Nation in Fighting Global Warming |
| GRI | Global Reporting Initiative |
| GSE | Ground Support Equipment |
| GTC | Ground Transportation Center |
| GWh | Gigawatt-hour |
| GWh/year | Gigawatt hours per year |
| GWP | Global Warming Potential |

H

| | |
|----------|---|
| HA | Historic Architecture |
| HABS | Historic American Buildings Survey |
| HAZWOPER | Hazardous Waste Operations and Emergency Response |
| HCS | Hazard Communication Standard |
| HFCs | Hydrofluorocarbons |
| HHWE | Household Hazardous Waste Element |
| HHRA | Human Health Risk Assessment |
| HI | Hazard Index/Indices |

9.0 Acronyms and Abbreviations

| | |
|----------|---|
| HM | Hazardous Materials |
| HPOZ | Historic Preservation Overlay Zone |
| HQs | hazard quotients |
| HRI | Historic Resources Inventory |
| HSA | Hyperion Safety Area |
| HSP | Health and Safety Plan |
| HTP | Hyperion Treatment Plant |
| HTS | Hyperion Treatment System |
| HVAC | Heating, Ventilation, and Air Conditioning |
| HWCL | California Hazardous Waste Control Law |
| HWQ | Hydrology and Water Quality |
| HWQSA | Hydrology and Water Quality Study Area |
| Hz | Hertz |
| I | |
| I- | Interstate |
| IBC | International Building Code |
| ICBMs | Intercontinental Ballistic Missiles |
| ICLEI | International Council for Local Environmental Initiatives |
| ICU | Intersection Capacity Utilization |
| IES | Illuminating Engineering Society of North America |
| IPCC | Intergovernmental Panel on Climate Change |
| IRP | Integrated Resource Plan |
| IS | Initial Study |
| ITE | Institute of Traffic Engineers |
| ITF | Intermodal Transportation Facility |
| ITS | Intelligent Transportation System |
| IWMP | Integrated Waste Management Plan |
| K | |
| kHz | Kilo Hertz |
| ksf | Thousand square feet |
| kV | Kilovolt |
| kWh | Kilowatt hours |
| kWh/year | Kilowatt hours per year |

9.0 Acronyms and Abbreviations

L

| | |
|-----------------|---|
| LAA | Los Angeles Aqueducts |
| LABC | Los Angeles Building Code |
| LABOS | Los Angeles Bureau of Sanitation |
| LACFD | Los Angeles County Fire Department |
| LACMTA | County of Los Angeles Metropolitan Transportation Authority |
| LACSD | The Sanitation Districts of Los Angeles County |
| LACSD | Los Angeles County Sherriff's Department |
| LADAPB | Los Angeles Department of Airports Police Bureau |
| LADBS | City of Los Angeles Department of Building and Safety |
| LADOT | Los Angeles Department of Transportation |
| LADPW | City of Los Angeles Department of Public Works |
| LADWP | City of Los Angeles Department of Water and Power |
| LAFC | Los Angeles Fire Code |
| LAFD | City of Los Angeles Fire Department |
| LAFHM | Los Angeles Flood Hazard Map |
| LAGBC | Los Angeles Green Building Code |
| LAHCM | Los Angeles Historic-Cultural Monuments |
| LAMC | Los Angeles Municipal Code |
| LAPD | Los Angeles Police Department |
| LAPL | Los Angeles Public Library |
| LARWQCB | Los Angeles Regional Water Quality Control Board |
| LAUSD | Los Angeles Unified School District |
| LAWA | Los Angeles World Airports |
| LAWAPD | Los Angeles World Airports Police Department |
| LAX | Los Angeles International Airport |
| LAX MP-MPAQ | LAX Master Plan Mitigation Plan for Air Quality |
| LAX-N Zone | Los Angeles International Airport Northside Zone |
| LAX Plan | City of Los Angeles General Plan Land Use Element for LAX |
| LBP | Lead-based Paint |
| L _{dn} | Day-Night Average Sound Level |
| LCFS | Low Carbon Fuel Standard |
| LE | Law Enforcement |

9.0 Acronyms and Abbreviations

| | |
|-------------|--|
| LEED | Leadership in Energy and Environmental Design |
| L_{eq} | Equivalent energy level |
| LGOP | Local Government Operations Protocol |
| LI | Light Emissions |
| LID | Low Impact Development |
| L_{max} | Maximum noise level |
| LMU | Loyola Marymount University |
| LOS | Level of Service |
| Los Angeles | City of Los Angeles |
| LRT | Light Rail Transit |
| LU | Land Use |
| M | |
| MATES | Multiple Air Toxics Exposure Study |
| MBTA | Migratory Bird Treaty Act |
| MCE | Maximum Credible Earthquake |
| MEI | Maximally Exposed Individuals |
| MEP | Maximum Extent Practicable |
| Metro | Los Angeles County Metropolitan Transportation Authority |
| mg/L | milligrams per Liter |
| MGD | Memorandum of General Distribution |
| mgd | million gallons per day |
| mg/m^3 | milligrams per cubic meter |
| MICR | maximum incremental cancer risk |
| MM | Mitigation Measure |
| MMI | Modified Mercalli Intensity |
| MMRP | Mitigation Monitoring and Reporting Program |
| MOA | Memorandum of Agreement |
| MOU | memorandum of understanding |
| MP | multi-pathway factor |
| Mpg | Miles per gallon |
| mph | miles per hour |
| MPO | Metropolitan Planning Organization |
| MS4 | Municipal Separate Storm Sewer Systems |

9.0 Acronyms and Abbreviations

| | |
|-----------------------------|--|
| MSDSs | Material Safety Data Sheets |
| MT | metric tonnes |
| MWD | Metropolitan Water District |
| MWh | Megawatt-hours |
| N | |
| N | Noise |
| N ₂ O | Nitrous Oxide |
| N/A | Not applicable |
| NAAQS | National Ambient Air Quality Standards |
| NAGPRA | Native American Graves Protection and Repatriation Act |
| NAHC | Native American Heritage Commission |
| NB | Northbound |
| NCOS | North Central Outfall Sewer |
| NDFE | Nondisposal Facility Element |
| NECPA | National Energy Conservation Policy Act |
| NED | National Elevation Dataset |
| NEHRP | National Earthquake Hazards Reduction Program |
| NEPA | National Environmental Protection Act |
| NESHAP | National Emission Standards for Hazardous Air Pollutants |
| NFPA | National Fire Protection Association |
| NHPA | National Historic Preservation Act |
| NHTSA | National Highway Traffic Safety Administration |
| NLR | Noise Level Reduction |
| NO ₂ | Nitrogen Dioxide |
| NO _x | Oxides of Nitrogen |
| NOI | Notice of Intent |
| NOP | Notice of Preparation |
| NORS | North Outfall Relief Sewer |
| Northside Design Guidelines | Design Plan and Development Guidelines for LAX Northside |
| NOS | North Outfall Sewer |
| NOTAM | Notice to Airmen |
| NPDES | National Pollutant Discharge Elimination System |
| NPL | National Priorities List |

9.0 Acronyms and Abbreviations

| | |
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| NPPA | California Native Plant Protection Act |
| NPS | National Park Service |
| NRHP | National Register of Historic Places |
| NSP | Northside Plan (in reference to Mitigation Measures) |

O

| | |
|----------------|--|
| O ₃ | Ozone |
| OEHHA | Office of Environmental Health Hazard Assessment |
| OES | Office of Emergency Services |
| OFFROAD2007 | Offroad Emissions Inventory Program model |
| OHP | Office of Historic Preservation |
| OHS | Office of Homeland Security |
| ONT | Ontario International Airport |
| OPR | Office of Planning and Research |
| OS | Open Space |
| OSHA | Occupational Safety and Health Administration |
| OSH Act | Occupational Safety and Health Act |

P

| | |
|-------------------|---|
| PA | Paleontological Resources |
| Pb | Lead |
| PCBs | Polychlorinated biphenyls |
| PCE | Perchloroethylene |
| PCWQCA | Porter-Cologne Water Quality Act |
| PDFs | Project Design Features |
| PE | Proposed Endangered |
| PFCs | Perfluorocarbons |
| PFYC | Potential Fossil Yield Classification |
| PGA | Peak ground acceleration |
| PM _{2.5} | particulate matter with an aerodynamic diameter less than or equal to 2.5 micrometers |
| PM ₁₀ | particulate matter with an aerodynamic diameter less than or equal to 10 micrometers |
| PMD | Palmdale Regional Airport |
| PMTP | Paleontological Management Treatment Plan |
| ppm | Parts per million |

9.0 Acronyms and Abbreviations

| | |
|------------------|---|
| PPV | Peak particle velocity |
| PRC | Public Resources Code |
| Project Site | LAX Northside sub-area |
| Proposed Project | Proposed LAX Northside Plan Update |
| PRP | Public Recreation Plan |
| PS | Public Safety |
| PSF | Public Services – Fire |
| PSP | Public Services – Police |
| PT | Proposed Threatened |
| PU | Public Utilities |
| PUC | Public Utilities Code |
| PURPA | Public Utility Regulatory Act of 1978 |
| Q | |
| Qfs | Qualifying Facilities |
| R | |
| RCB | Reinforced Concrete Block |
| RCNM | Roadway Construction Noise Model |
| RCP | Regional Comprehensive Plan |
| RCRA | Resource Conservation and Recovery Act |
| RCV | recycled content value |
| REAP | Rain Event Action Plan |
| REL | reference exposure level |
| RENEW LA | Recovering Energy, Natural Resources, and Economics, and Economic Benefit from Waste for Los Angeles Plan |
| RHNA | Regional Housing Needs Assessment |
| RMS | root-mean-square |
| ROWD | Report of Waste Discharge |
| RPZ | Runway Protection Zone |
| RSA | Runway Safety Area |
| RS-N | LADWP's Receiving Station N |
| RTAC | Regional Targets Advisory Committee |
| RTC | Regional Transit Center |
| RTIP | Regional Transportation Improvement Program |
| RTP | Regional Transportation Plan |

9.0 Acronyms and Abbreviations

| | |
|-----------------|---|
| RTP/SCS | 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy |
| RWQCB | Regional Water Quality Control Board |
| S | |
| S | Safety |
| SAFE | Security and Airfield Enforcement Program |
| Safety Element | City of Los Angeles General Plan Safety Element |
| SAIP | South Airfield Improvement Project |
| SB | State Senate Bill |
| SB 50 | State Senate Bill 50, the Leroy F. Greene School Facilities Act of 1998 |
| SCAG | Southern California Association of Governments |
| SCAQMD | South Coast Air Quality Management District |
| SCAR | Sewer Capacity Availability Review |
| SCCIC | South Central Coastal Information Center |
| SCGC | Southern California Gas Company |
| SCS | Sustainable Communities Strategy |
| SE | State Endangered |
| sf | square foot |
| SF ₆ | Sulfur Hexafluoride |
| SIP | State Implementation Plan |
| SHPO | State Historic Preservation Officer |
| SMARTS | Stormwater Multi-Application, Reporting, and Tracking System |
| SMBRP | Santa Monica Bay Restoration Project |
| SO ₂ | Sulfur Dioxide |
| SO _x | Oxides of Sulfur |
| SOCAB | Southern California Air Basin |
| SP | Service Population |
| SPAS | LAX Specific Plan Amendment Study |
| SPCC | Spill Prevention Control and Countermeasure |
| SPIMS | Sustainability Performance Improvement Management System |
| SR- | State Route (e.g., SR-2, SR-1) |
| SRRE | Source Reduction and Recycling Element |
| SSC | State Species of Special Concern |
| SSO | Sanitary Sewer Overflows |

9.0 Acronyms and Abbreviations

| | |
|-----------|--|
| ST | Surface Transportation |
| ST | State Threatened |
| SULEV | Super ultra-low emission vehicle |
| Superfund | Comprehensive Environmental Response, Compensation & Liability Act |
| SUSMP | Standard Urban Stormwater Mitigation Plan |
| SW | Solid Waste |
| SWIRP | City of Los Angeles Solid Waste Integrated Resources Plan |
| SWPPP | Stormwater Pollution Prevention Plan |
| SWRCB | State Water Resources Control Board |

T

| | |
|-----------|---|
| TACs | Toxic Air Contaminants |
| TAZ | Traffic Analysis Zones |
| TBIT | Tom Bradley International Terminal |
| TBT | Tri-butyl Tin |
| Tc | Time of concentration |
| TCE | Trichloroethylene |
| TDM | Transportation Demand Management |
| TDS | Total Dissolved Solids |
| TIA | Traffic Impact Analysis |
| TIC | Transportation Information Center |
| TMDL | Total Maximum Daily Load |
| TMO | Transportation management organizations |
| TMPC | Transportation Management Coordination Program |
| TN | Total Nitrogen |
| TNM | Traffic Noise Model |
| TP | Total Phosphorus |
| TSA | Transportation Security Administration |
| TSCA | Toxic Substances Control Act |
| TSM | Transportation Systems Management |
| TSP Model | Transportation Strategic Plan travel demand forecasting model |
| TSR | Transportation Security Regulation |
| TSS | Total Suspended Solids |

U

| | |
|--------|---|
| U.S.C. | United States Code |
| UBC | Uniform Building Code |
| UFC | Uniform Fire Code |
| ULEV | ultra-low-emission vehicle |
| UNFCCC | United Nations Framework Convention on Climate Change |
| UP | Unified Program |
| USACE | United States Army Corp of Engineers |
| USAR | Urban Search and Rescue Team |
| USEPA | United States Environmental Protection Agency |
| USFWS | United States Fish and Wildlife Service |
| USGBC | United States Green Building Council |
| USGS | United States Geological Survey |
| UST | Underground Storage Tank |
| UWMP | Urban Water Management Plan |

V

| | |
|--------|----------------------------|
| V/C | Volume to Capacity |
| VMT | vehicle miles traveled |
| VNY | Van Nuys Airport |
| VOC | Volatile Organic Compounds |
| VdB | 1 micro-inch per second |
| vp/hpl | vehicles per hour per lane |

W

| | |
|--------|--|
| W | Water |
| WB | Westbound |
| WBWRP | West Basin Water Reclamation Plant |
| WDRs | Waste Discharge Requirements |
| WQBELs | Water Quality-Based Effluent Limitations |
| WSA | Water Supply Assessment |

Z

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|-----|-------------------------|
| ZEV | Zero-Emissions Vehicles |
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9.0 Acronyms and Abbreviations

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