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## Abbreviations and Acronyms

### **ABBREVIATIONS AND ACRONYMS**

|            |  |
|------------|--|
| AAQS       | ambient air quality standards  |
| AB         | Assembly Bill  |
| ACM        | asbestos-containing materials  |
| AELUP      | airport environs land use plan                                       |
| ALUC       | airport land use commission  |
| amsl       | above mean sea level   |
| AQMP       | air quality management plan  |
| AR4        | IPCC's Fourth Assessment Report                                      |
| ATS        | active treatment system  |
| BAT        | best available technology  |
| BAU        | business as usual  |
| BCT        | best control technology  |
| BEH        | Long Beach Bureau of Environmental Health                            |
| bgs        | below ground surface   |
| BMP        | best management practices  |
| CAA        | Clean Air Act  |
| CAC        | Community Advisory Committee   |
| CalARP     | California Accidental Release Prevention Program                     |
| CALGreen   | California Green Building Standards Code                             |
| CalRecycle | California Department of Resources, Recycling, and Recovery          |
| Caltrans   | California Department of Transportation                              |
| CARB       | California Air Resources Board                                       |
| CBC        | California Building Code   |
| CCAA       | California Clean Air Act   |
| CCR        | California Code of Regulations                                       |
| CDFW       | California Department of Fish and Wildlife                           |
| CEC        | California Energy Commission   |
| CEQA       | California Environmental Quality Act                                 |
| CERCLA     | Comprehensive Environmental Response, Compensation and Liability Act |



Abbreviations and Acronyms

|                   |  |
|-------------------|--|
| CERT              | community emergency response team                  |
| CESA              | California Endangered Species Act                  |
| CMP               | congestion management program                      |
| CNDDDB            | California Natural Diversity Database              |
| CNEL              | community noise equivalent level                   |
| CNPS              | California Native Plant Society                    |
| CO                | carbon monoxide                                    |
| CO <sub>2</sub> e | carbon dioxide equivalent                          |
| Corps             | US Army Corps of Engineers                         |
| CRC               | California Residential Code                        |
| CRHR              | California Register of Historical Resources        |
| CSULB             | California State University, Long Beach            |
| CUPA              | Certified Unified Program Agency                   |
| CWA               | Clean Water Act                                    |
| dB                | decibel  |
| dBA               | A-weighted decibel                                 |
| DCV               | design capture volume                              |
| DOF               | Department of Finance                              |
| DPM               | diesel particulate matter                          |
| DWR               | Department of Water Resources                      |
| EFH               | essential fish habitat                             |
| EIR               | environmental impact report                        |
| EPA               | United States Environmental Protection Agency      |
| EPCRA             | Emergency Planning and Community Right-to-Know Act |
| FEMA              | Federal Emergency Management Agency                |
| FESA              | [federal] Endangered Species Act                   |
| FHWA              | Federal Highway Administration                     |
| FMMP              | Farmland Mapping and Monitoring Program            |
| FTA               | Federal Transit Administration                     |
| GCP               | general construction permit                        |
| GHG               | greenhouse gases                                   |

## Abbreviations and Acronyms

|          |   |
|----------|---|
| GWP      | global warming potential                          |
| HAPC     | habitat of particular concern                     |
| HCD      | Housing and Community Development Department (CA) |
| HCM      | Highway Capacity Manual                           |
| HCP      | habitat conservation plan                         |
| HQTA     | high quality transit area                         |
| HRA      | health risk assessment                            |
| ICU      | intersection capacity utilization                 |
| IFC      | International Fire Code                           |
| IPCC     | Intergovernmental Panel on Climate Change         |
| JFTB     | Los Alamitos Joint Forces Training Base           |
| $L_{dn}$ | day-night noise level                             |
| $L_{eq}$ | equivalent continuous noise level                 |
| LACFCD   | Los Angeles County Flood Control District         |
| LACPL    | Los Angeles County Public Library                 |
| LARWQCB  | Los Angeles Regional Water Quality Control Board  |
| LBFD     | Long Beach Fire Department                        |
| LBPD     | Long Beach Police Department                      |
| LBP      | lead-based paint                                  |
| LBPL     | Long Beach Public Library                         |
| LBUSD    | Long Beach Unified School District                |
| LCFS     | low-carbon fuel standard                          |
| LCP      | local coastal program                             |
| LCWA     | Los Cerritos Wetlands Authority                   |
| LCWC     | Los Cerritos Wetlands Complex                     |
| LESA     | land evaluation and site assessment               |
| LID      | low-impact development                            |
| LOS      | level of service                                  |
| LST      | localized significance thresholds                 |
| MATES    | Multiple Air Toxics Exposure Study                |
| MBTA     | Migratory Bird Treaty Act                         |

Abbreviations and Acronyms

|                 |   |
|-----------------|---|
| MEP             | maximum extent practicable                                      |
| Metro           | Los Angeles County Metropolitan Authority                       |
| mgd             | million gallons per day   |
| MMT             | million metric tons   |
| MPO             | metropolitan planning organization                              |
| MS4             | municipal separate storm sewer system                           |
| MT              | metric ton  |
| NAGPRA          | Native American Graves Protection and Repatriation Act          |
| NAHC            | Native American Heritage Commission                             |
| NMFS            | National Marine Fisheries Service                               |
| NO <sub>x</sub> | nitrogen oxides   |
| NOI             | notice of intent  |
| NPDES           | National Pollution Discharge Elimination System                 |
| O <sub>3</sub>  | ozone   |
| OEHHA           | Office of Environmental Health Hazard Assessment                |
| OES             | California Office of Emergency Services                         |
| OHP             | Office of Historic Preservation                                 |
| OPR             | Governor's Office of Planning and Research                      |
| PCH             | Pacific Coast Highway   |
| PDF             | project design feature  |
| PM              | particulate matter  |
| ppm             | parts per million   |
| PPV             | peak particle velocity  |
| RCRA            | Resource Conservation and Recovery Act                          |
| RMS             | root mean square  |
| RPS             | renewable portfolio standard                                    |
| RTP             | regional transportation plan                                    |
| RTP/SCS         | regional transportation plan / sustainable communities strategy |
| RWQCB           | Regional Water Quality Control Board                            |
| SB              | Senate Bill   |
| SCAG            | Southern California Association of Governments                  |

## Abbreviations and Acronyms

|                 |   |
|-----------------|---|
| SCAQMD          | South Coast Air Quality Management District         |
| SCS             | sustainable communities strategy                    |
| SEADIP          | Southeast Area Development and Improvement Plan     |
| SEASP           | Southeast Area Specific Plan                        |
| SIP             | state implementation plan                           |
| SoCAB           | South Coast Air Basin                               |
| SO <sub>x</sub> | sulfur oxides                                       |
| SOI             | sphere of influence                                 |
| SRA             | source receptor area                                |
| SUSMP           | standard urban stormwater mitigation plan           |
| SWP             | State Water Project                                 |
| SWPPP           | Storm Water Pollution Prevention Plan               |
| SWRCB           | State Water Resources Control Board                 |
| TAC             | toxic air contaminants                              |
| TCR             | tribal cultural resource                            |
| TDM             | travel demand model                                 |
| TIA             | traffic impact analysis                             |
| TMDL            | total maximum daily load                            |
| TTCP            | traditional tribal cultural places                  |
| USFWS           | United States Fish and Wildlife Service             |
| UST             | underground storage tank                            |
| UWMP            | urban water management plan                         |
| V/C             | volume-to-capacity ratio                            |
| VdB             | velocity decibels                                   |
| VMT             | vehicle miles traveled                              |
| VOC             | volatile organic compound                           |
| WDR             | waste discharge requirements                        |
| WRD             | Water Replenishment District of Southern California |