

List of Acronyms

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| AAC | all aluminum conductor |
| APLIC | Avian Power Line Interaction Committee |
| APM | Applicant Proposed Measure |
| A-R | Agricultural Residential |
| ARB | Air Resources Board |
| ASTM | American Society for Testing and Materials |
| AST | aboveground storage tank |
| ATV | all-terrain vehicle |
| BMPs | best management practices |
| BNSF | Burlington Northern Santa Fe |
| Cal/EPA | California Environmental Protection Agency |
| Cal/OSHA | California Occupational Safety and Health Administration |
| CARB | California Air Resources Board |
| CCIC | Central California Information Center |
| CCR | California Code of Regulations |
| CCVT | coupling capacitor voltage transformer |
| CDFG | California Department of Fish and Game |
| CEQA | California Environmental Quality Act |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CESA | California Endangered Species Act |
| CFGC | California Fish and Game Code |
| CGS | California Geological Survey |
| CH ₄ | methane |
| CHP | California Highway Patrol |
| CHRIS | California Historical Resources Information System |
| CNDDDB | California Natural Diversity Database |
| CNEL | Community Noise Equivalent Level |
| CNPS | California Native Plant Society |
| CO | carbon monoxide |
| CO ₂ | carbon dioxide |
| CPUC | California Public Utilities Commission |
| CRHR | California Register of Historic Resources |
| CRSB | Coast Range Sierran Block Boundary Zone |
| CWA | Clean Water Act |
| CWHR | California Wildlife Habitat Relationships |
| DHS | California Department of Health Services |
| DOC | California Department of Conservation |
| DPM | diesel particulate matter |
| DPR | California Department of Parks and Recreation |
| DTSC | California Department of Toxic Substance Control |
| EDR | Environmental Data Resources Inc. |
| EIR | Environmental Impact Report |
| EMF | electric and magnetic field |

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| EPA | Environmental Protection Agency |
| ESA | Federal Endangered Species Act |
| ETMP | Environmental Training and Monitoring Program |
| FEMA | Federal Emergency Management Agency |
| FIRM | Flood Insurance Rate Map |
| FMMP | Farmland Mapping and Monitoring Program |
| GANDA | Garcia and Associates |
| GHG | greenhouse gases |
| GWP | global warming potential |
| HCP | Habitat Conservation Plan |
| HFC | hydrofluorocarbon |
| HSP | Health and Safety Plan |
| HSWA | Hazardous and Solid Waste Act |
| HVCB | high-voltage circuit breaker |
| HWCL | California Hazardous Waste Control Law |
| IARC | International Agency for Research on Cancer |
| IEEE | Institute of Electrical and Electronic Engineers |
| IPCC | Intergovernmental Panel on Climate Change |
| IS | Initial Study |
| IWMB | Integrated Waste Management Board |
| KMER | Castle Air Force Base |
| KVP | key viewpoint |
| LOS | level of service |
| MBTA | Migratory Bird Treaty Act |
| MCFD | Merced County Fire Department |
| MCM | multi-chip model |
| MGD | million gallons per day |
| MID | Merced Irrigation District |
| MLD | Most Likely Descendant |
| MMCRP | Mitigation Monitoring, Compliance, and Reporting Program |
| MMP | Mitigation Monitoring Plan |
| MND | Mitigated Negative Declaration |
| MRZ | mineral resource zones |
| N ₂ O | nitrous oxide |
| NAHC | Native American Heritage Commission |
| NCP | National Contingency Plan |
| NESC | National Electrical Safety Code |
| NFIP | National Flood Insurance Program |
| NO ₂ | nitrogen oxide |
| NOAA | National Oceanic and Atmospheric Administration |
| NPDES | National Pollution Discharge Elimination System |
| NPL | National Priorities List |
| NRHP | National Register of Historic Places |
| OD | officially designated |
| OEHHA | Office of Environmental Health Hazard Assessment |
| PEA | Proponent's Environmental Assessment |

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|-----------------|---|
| PFC | perfluorocarbon |
| PGA | peak ground acceleration |
| PM10 | particles smaller than 10 microns in size |
| PM2.5 | particles smaller than 2.5 microns in size |
| PSHA | Probabilistic Seismic Hazard Assessment |
| PTC | Permit to Construct |
| RCRA | Resource Conservation and Recovery Act of 1976 |
| REC | Recognized Environmental Concerns |
| ROG | reactive organic gas |
| ROW | right-of-way |
| RWQCB | Regional Water Quality Control Board |
| SARA | Superfund Amendments and Reauthorization Act |
| SBSB | Single Bus Single Breaker |
| SCADA | Supervisory Control and Data Acquisition |
| SF ₆ | sulfur hexafluoride |
| SJVAB | San Joaquin Valley Air Basin |
| SJVAPCD | San Joaquin Valley Air Pollution Control District |
| SLF | Sacred Lands File |
| SMARA | California Surface Mining and Reclamation Act |
| SO ₂ | sulfur dioxide |
| SOI | sphere of influence |
| SPRR | Southern Pacific Railroad |
| SRRE | Source Reduction Recycling Element |
| SSC | state species of special concern |
| SUDP | Specific Urban Development Plan |
| SVP | Society of Vertebrate Paleontology |
| SWGS | Solid Waste Generation Study |
| SWPPP | Storm Water Pollution Prevention Plan |
| SWRCB | State Water Resources Control Board |
| TDS | total dissolved solids |
| TMDL | total maximum daily load |
| TPD | triangular post and dead-end |
| TSP | tubular steel pole |
| UCMP | University of California at Berkeley Museum of Paleontology |
| USACE | U.S. Army Corps of Engineers |
| USDA | U.S. Department of Agriculture |
| USDOT | U.S. Department of Transportation |
| USFWS | U.S. Fish and Wildlife Service |
| UST | underground storage tanks |
| VDE | Visible dust emissions |
| VELB | Valley Elderberry Longhorn Beetle |
| VP | viewpoint |
| VS/VC | Visual Sensitivity/Visual Change |
| YARTS | Yosemite Area Regional Transportation System |