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List of Acronyms

AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACAP	Ames Commute Alternatives Program
ACE	Ames Chemical Exchange
ACMS	Asbestos-Containing Materials
ACS	American Community Survey
ADD	U.S. Army Aviation Development Directorate
AFDD	Aeroflight Dynamics Directorate
AFS	Air Force Station
ALUC	Santa Clara County Airport Land Use Commission
AMD	Advanced Micro Devices
AOI	Area of Investigation
APR	Ames Procedural Requirements
ARC	NASA Ames Research Center
ARPA	Archaeological Resources Protection Act of 1979
AST	Aboveground Storage Tank
AVR	Average Vehicle Ridership
BAAQMD	Bay Area Air Quality Management District
BCDC	Bay Conservation and Development Commission
BCSD	Bias Correction Statistical Downscaling
BFE	Base Flood Elevation
bgs	Below Ground Surface
BMP	Best Management Practice
BOHMP	Burrowing Owl Habitat Management Plan
BRAC	Base Closure and Realignment Commission
C ₂ H ₃ CL	Vinyl Chloride
CAA	Clean Air Act of 1970
CAAQS	California Ambient Air Quality Standards
CAL/OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CANG	California Air National Guard
CAP	Bay Area Clean Air Plan
CARB	California Air Resources Board
CASI	Climate Adaptation Science Investigators



CBSC	California Building Standards Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CD	Consent Decree
CDA	California Division of Aeronautics
CDFW	California Department of Fish and Wildlife
CEMP	Construction Emissions Mitigation Plan
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH ₄	Methane
CMIP5	Coupled Model Intercomparison Project Phase 5
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
CNPPA	California Native Plant Protection Act of 1977
CO	Carbon Monoxide
CO ₂ E	Carbon Dioxide Equivalent
COC	Chemical of Concern
COR	Contract Officer Representative
CRM	Cultural Resources Management
CUP	Comprehensive Use Plan
CVSRF	Crew Vehicle Systems Research Facility
CWA	Clean Water Act
CWSAP	Center-Wide Sampling and Analysis Program
CY	Calendar Year
CZMA	Coastal Zone Management Act
CZMP	Coastal Zone Management Program
DART	Disaster Area Relief Team
dB	Decibel
dba	A-Weighted Decibel
DCA	1,1- Dichloroethane
DCE	Cis- and Trans-1,2-Dichloroethene
DOC	California Department of Conservation



DOD	Department of Defense
DOE	Department of Energy
EA	Environmental Assessment
EATS	East-Side Aquifer Treatment System
EC	Engineering Control
EIMP	Environmental Issues Management Plan
EIS	Environmental Impact Statements
EJIP	Environmental Justice Implementation Plan
EMS	Environmental Management System
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ERD	Environmental Resource Document
ESA	Endangered Species Act
EWIS	Environmental Work Instructions
FAA	Federal Aviation Administration
FAR	Floor Area Ratio
FEMA	Federal Emergency Management Agency
FFA	Federal Facility Agreement
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FPPA	Farmland Protection Policy Act
FSFA	Former Soil Fill Area
FY	Fiscal Year
GCM	Global Circulation Models
GHG	Greenhouse Gas
GHGRP	Greenhouse Gas Reporting Program
gpd	Gallons Per Day
gpm	Gallons Per Minute
GPP	Gross Primary Productivity
GROF	Groundwater Reverse Osmosis Facility
H ₂ S	Hydrogen Sulfide
HAP	Hazardous Air Pollutants
HCFCs	Hydrochlorofluorocarbons
HFFAF	Hypervelocity Free-Flight Aerodynamic Facility
HFFF	Hypervelocity Free-Flight Facilities



HFFGDF	Hypervelocity Free-Flight Gun Development Facility
HHRA	Human Health Risk Assessment
HHS	U.S. Department of Health and Human Services
HI	Hazard Index
HIA	Housing Impact Area
HMIS	Hazardous Materials Inventory Statements
HOV	High Occupancy Vehicle
HPSR	Historic Property Survey Report
HRPP	Historic Resources Protection Plan
HSP	Health and Safety Plan
HUD	U.S. Department of Housing and Urban Development
HVAC	Heating, Ventilation, and Air Conditioning
I-680	Interstate 680
I-880	Interstate 880
ICRMP	Integrated Cultural Resources Management Plan
ICs	Institutional Controls
IPM	Integrated Pest Management
IR	Installation Restoration
IT	Information Technology
IVM	Integrated Vegetation Management
IWWTF	Industrial Wastewater Treatment Facility
kPA	kilopascals
kV	kilovolts
L _{dn}	A-Weighted Noise Level
LEED	Leadership in Energy and Environmental Design
L _{eq}	Equivalent Noise Level
LESA	Land Evaluation and Site Assessment
LOS	Level of Service
LUCs	Land Use Controls
MBTA	Migratory Bird Treaty Act
MCL	Maximum Contaminant Level
MEW	Middlefield-Ellis-Whisman
MFA	Moffett Federal Airfield
MFFD	Moffett Field Fire Department
MGD	Million Gallons Per Day
µg/m ³	Micrograms Per Cubic Meter



MT	Metric Tons
MOA	Memorandum of Agreement
MOE	Measure of Effectiveness
MOU	Memorandum of Understanding
MROSD	Midpeninsula Regional Open Space District
MRZ	Mineral Resource Zone
MSDS	Material Safety Data Sheet
MSL	Mean Sea Level
MTC	Metropolitan Transportation Commission
MVA	Megavolt Amperes
MW	Megawatts
N2E2	NASA's NEPA Emission Estimation Tool
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NACA	National Advisory Committee For Aeronautics
NADP	NASA Ames Development Plan
NADP EIS	NASA Ames Development Plan Final Programmatic Environmental Impact Statement
NAGPRA	Native American Graves and Protection and Repatriation Act of 1990
NAS	Naval Air Station
NASA	National Aeronautics and Space Administration
NAVD88	North American Datum of 1988
NCP	National Contingency Plan
NECPA	National Energy Conservation Policy Act of 1978
NEPA	National Environmental Policy Act
NFA	No Further Action
NFAC	National Full-Scale Aerodynamics Complex
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NLR	Noise Level Reduction
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxide
NPD	NASA Procedural Directive
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPL	National Priorities List
NPR	NASA Procedural Requirement



NRC	Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRP	NASA Research Park
O ₃	Ozone
OARF	Outdoor Aerodynamic Research Facility
ODS	Ozone-Depleting Substance
OU	Operable Unit
PARWQCP	Palo Alto Regional Water Quality Control Plant
PB	Lead
ppb	Part Per Billion
PBT	Persistent, Bioaccumulative, and Toxic
PCB	Polychlorinated Biphenyl
PCE	Perchloroethene
PDO	Pacific Decadal Oscillation
PDOI	Pacific Decadal Oscillation Index
PG&E	Pacific Gas & Electric
PM ₁₀	Particulate Matter With A Diameter 10 Microns Or Less
PM _{2.5}	Particulate Matter With A Diameter 2.5 Microns Or Less
POC	Precursor Organic Compounds
POTW	Publicly-Owned Treatment Works
ppm	Parts Per Million
PRP	Potentially Responsible Party
psi	Pounds Per Square Inch
psig	Pounds Per Square Inch Gauge
PV	Planetary Ventures, LLC
R&D	Research and Development
RASCAL	Rotorcraft-Aircrew Systems Concepts Airborne Laboratory
RCP	Representative Concentration Pathway
RCRA	Resource Conservation and Recovery Act
RMP	Risk Management Plan
ROD	Record of Decision
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SBSRP	South Bay Salt Pond Restoration Project
SCVWD	Santa Clara Valley Water District



SF ₆	Sulfur Hexafluoride
SF Bay	San Francisco Bay
SFPUC	San Francisco Public Utilities Commission
SFWD	San Francisco Water Department
SHPO	State Historic Preservation Officer
SIPS	State Implementation Plans
SIU	Significant Industrial User
SMARA	Surface Mining and Reclamation Act of 1975
SMOP	Synthetic Minor Operating Permit
SO ₂	Sulfur Dioxide
SO ₄	Sulfates
SOW	Statement of Work
SPCC	Spill Prevention Control and Countermeasure Plan
SR	State Routes
SSPP	Strategic Sustainability Performance Plan
SWEA	Site-Wide Ecological Assessment
SWPCP	Sunnyvale Water Pollution Control Plant
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWRP	Storm Water Retention Pond
SWSB	Stormwater Settling Basin
TCE	Trichloroethene
TDM	Transportation Demand Management
TMDL	Total Maximum Daily Load
TOPS	Terrestrial Observation and Prediction System
TRI	Toxic Release Inventory
UAO	Unilateral Administrative Order
UAV	Unmanned Aerial Vehicle
US-101	U.S. Highway 101
USC	United States Code
USFWS	U.S. Fish and Wildlife Service
USGBC	United States Green Building Council
UST	Underground Storage Tank
UV	Ultraviolet
V/STOL	Vertical/Short Take-Off and Landing
VI	Vapor Intrusion



VMS	Vertical Motion Simulator
VOCS	Volatile Organic Compounds
VTA	Santa Clara Valley Transportation Authority
WAPA	Western Area Power Administration
WATS	Westside Aquifer Treatment System