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# Acronyms and Abbreviations

## A

<b>A&amp;E</b>	Architectural and Engineering
<b>AB</b>	Assembly Bill
<b>AB-HH</b>	Anaheim-Bay Huntington Harbor
<b>AC</b>	Alternating Current
<b>AC</b>	Area Conservationist
<b>ACOE</b>	U.S. Army Corps of Engineers (COE)
<b>ACRES</b>	Actual Cost Recovery Evaluation System
<b>ACWA</b>	Association of California Water Agencies
<b>ADs</b>	Assessment Districts
<b>ADI</b>	Acceptable Daily Intake
<b>ADLP</b>	Agricultural Drainage Loan Program
<b>AF</b>	Acre-Foot <i>1 AF = 325,851 gallons</i>
<b>AFO</b>	Animal Feeding Operation
<b>AFTF</b>	Alluvial Fan Task Force
<b>AFY</b>	Acre-Feet per Year
<b>ALTA</b>	American Land Trust Association
<b>AMA</b>	Agricultural Management Association
<b>AMIGA</b>	Agua Mansa Industrial Growth Association
<b>AMITA</b>	Agricultural Market Transition Act
<b>AOC</b>	Assimilable Organic Carbon
<b>AOS</b>	Adult Onsite Exposure
<b>APG</b>	Adaptation Planning Guide
<b>AQMD</b>	Air Quality Management District
<b>ARB</b>	Air Resources Board
<b>ARTIC</b>	Angel Stadium and the Anaheim Regional Intermodal Transportation Center
<b>ASBS</b>	Areas of Special Biological Significance
<b>ASCE</b>	American Society of Civil Engineers
<b>ATA</b>	Approval to Award
<b>AWMFH</b>	Agricultural Waste Management Field Handbook
<b>AWOP</b>	Area Wide Optimization Program <i>A voluntary program to optimize</i>

*the performance of surface water treatment plants*

<b>AWTF</b>	Advanced Water Treatment Facility
<b>AWWA</b>	American Water Works Association <a href="http://www.awwa.org">www.awwa.org</a>
<b>AWWARF</b>	American Water Works Association Research Foundation <a href="http://www.awwarf.com">www.awwarf.com</a>

## B

<b>B2B</b>	Business to Business
<b>BCA</b>	Benefit-Cost Analyses
<b>BAC</b>	Biological Activated Carbon
<b>BACWA</b>	Wastewater and Recycled Water
<b>BAF</b>	Biological Aerated Filter
<b>BAFPAA</b>	Flood Protection and Stormwater Management
<b>BATNEEC</b>	Best Available Techniques Not Entailing Excessive Costs
<b>BAWAC</b>	Water Supply and Water Quality
<b>BAWN</b>	Watershed Management and Habitat Protection and Restoration
<b>BDCP</b>	Bay Delta Conservation Plan
<b>BCSD</b>	Bias Correction Spatial Disaggregation
<b>BDCP</b>	Bay Delta Conservation Plan
<b>BIA</b>	Bureau of Indian Affairs
<b>BIA</b>	Building Industry Association
<b>BMD</b>	Beach Mile Days
<b>BMP</b>	Best Management Practice
<b>BMPTF</b>	Basin Monitoring Program Task Force
<b>BOD</b>	Biochemical Oxygen Demand
<b>BOD5</b>	Biochemical Oxygen Demand (over a 5 day period)
<b>BPEO</b>	Best Practicable Environmental Option
<b>Brine Line</b>	Inland Empire Brine Line
<b>BSE</b>	Bovine Spongiform Encephalopathy
<b>BSRIA</b>	Building Services Research & Information Association (UK)

**BTEX** Benzene, toluene, ethylbenzene and total xylenes

## C

**CA** Conservation Agronomist  
**CAA** Clean Air Act (EPA)  
**CAFO** Confined Animal Feeding Operation  
**CalEMA** California Emergency Management Agency  
**CalEPA** California Environmental Protection Agency  
**Caltrans** California Department of Transportation  
**CAMS** Combines Administrative Management System  
**CAPCOA** California Air Pollution Control Officers Association  
**CAPEX** Capital Expenditure Investment  
**CARB** California Air Resources Board  
**CASQA** California Stormwater Quality Association  
**CAT** Climate Action Team  
**CAWSC** California Water Science Center  
**CBFIP** Chino Basin Facility Improvement Project  
**CBWCD** Chino Basin Water Conservation District  
**CBWM** Chino Basin Watermaster  
**CC** Coordinating Committee  
**CCA** Certified Crop Advisor  
**CCAC** County-City Arroyo/Watershed Community  
**CCAs** Critical Coastal Areas  
**CCAR** California Climate Action Registry  
**CCAS** California Climate Action Strategy  
**CCC** California Coastal Commission  
**CCR** Consumer Confidence Report  
**CCRP** Continuous Conservation Reserve Program  
**CDA** Chino Basin Desalter Authority  
**CDFW** California Department of Fish and Wildlife  
**CDP** Criterion Decision Plus

**CDPH** California Department of Public Health  
**CEC** California Energy Commission  
**CEQ** Council on Environmental Quality  
**CEQA** California Environmental Quality Act  
**CESA** California Endangered Species Act  
**CESWI** Civil Engineering Specification for the Water Industry  
**CFC** Chlorofluorocarbons  
**CFD** Community Facilities District  
**CFO** Conservation Farm Option  
**CFR** Code of Federal Regulations  
**CFS** Cubic feet per second  
**CFWO** Carlsbad Fish and Wildlife Office  
**Charrette** Collaborative group  
**CH<sub>4</sub>** Methane  
**CHP** Combined Heat and Power  
**CII** Commercial, Industrial, Institutional  
**CIMIS** California Irrigation Management Information System  
**CIWQS** California Integrated Water Quality System  
**CJD** Creutzfeld-Jakob's Disease  
**CMIP** Coupled Model Inter-comparison Project  
**CMP** California Milk Producers  
**CNMP** Comprehensive Nutrient Management Plan  
**CNRA** California Natural Resources Agency  
**CO<sub>2</sub>** Carbon Dioxide (see Greenhouse Gas)  
**COC** County Committees  
**CoCoRaHS** Community Collaborative Rain, Hail, & Snow Network  
**COD** Chemical Oxygen Demand  
**CO<sub>2</sub>** Carbon Dioxide  
**COE** Corps of Engineers  
**COP** Certificates of Participation  
**CORDIS** Community Research and Development Information Service (of the European Community)  
*An evaluation of the performance of a SWTP*

<b>Corps</b>	Army Corps of Engineers	<b>CZMA</b>	Coastal Zone Management Act
<b>CPA</b>	Conservation Planning Assistance	<b>CZMP</b>	Coastal Zone Management Plan
<b>CPE</b>	Comprehensive Performance Evaluation		
<b>CPUC</b>	California Public Utilities Commission	<b>D</b>	
<b>CRBSCP</b>	Colorado River Basin Salinity Control Project	<b>DAC</b>	Disadvantaged Community
<b>CRA</b>	Colorado River Aqueduct	<b>DAF</b>	Dissolved Air Floatation
<b>CREP</b>	Conservation Reserve Enhancement Program	<b>DAMP</b>	Drainage Area Management Plans
<b>CRMP</b>	Coordinated Resource Management Plan	<b>DBCP</b>	Dibromochloropropane
<b>CRP</b>	Conservation Reserve Program	<b>DBP</b>	Disinfection Byproduct <i>A regulated contaminant that is a byproduct of using chlorine to disinfect water containing organic matter</i>
<b>CRSP</b>	Colorado River Salinity Program	<b>DCO</b>	Data Collection Officer
<b>CRWQCB</b>	California Regional Water Quality Control Board (Regional Board)	<b>DCP</b>	Downscaled Climate Projections
<b>CSDOC</b>	County Sanitation District of Orange County (now OCSD)		Delta Delta method for assessing hydrologic impacts, where “climate change” weather reflects change in period monthly mean temperature and precipitation sampled from a single projection
<b>CSO</b>	Combined Sewer Overflow	<b>DFA</b>	Dairy Farmers of America
<b>CSP</b>	Conservation Security Program	<b>DFG</b>	CA Department of Fish and Game, now called CA Department of Fish and Wildlife
<b>CSREES</b>	Cooperative State Research, Education, and Extension Service	<b>DHS</b>	CA Department of Health Services
<b>CST</b>	Customer Service Toolkit	<b>DHCCP</b>	Delta Habitat Conservation and Conveyance Program
<b>CT</b>	Concentration of disinfectant residual (C) times contact time (T)	<b>DIFs</b>	Development Impact Fees
<b>CTCs</b>	County Transportation Commissions	<b>DMA</b>	District Meter Area
<b>CUP</b>	Conjunctive Use Program	<b>DMS</b>	Data Management System
<b>CUWCC</b>	California Urban Water Conservation Council	<b>DMM</b>	Demand Management Measures
<b>CVOC</b>	Chlorinated volatile organic compound	<b>DO</b>	Dissolved Oxygen
<b>CVWD</b>	Cucamonga Valley Water District	<b>DOC</b>	Dissolved Organic Carbon
<b>CW</b>	Converted Wetland	<b>DOE</b>	United States Department of Energy
<b>CW+YR</b>	Converted Wetland Plus Year	<b>DOQ</b>	Digital Orthophotoquad
<b>CWA</b>	Clean Water Act	<b>DTA</b>	David Taussig and Associates
<b>CWAP</b>	Clean Water Action Plan	<b>DTI</b>	Department of Trade and Industry (UK)
<b>CWEA</b>	California Water Environment Association	<b>DWAG</b>	Drinking Water Advisory Group
<b>CWS</b>	Community Water System <i>A public water system which serves at least 15 service connections used by year-round residents or regularly serves at least 25 year-round residents</i>	<b>DWB</b>	Drinking Water Bureau
<b>CWP</b>	California Water Plan	<b>DWQMP</b>	Drainage Water Quality Management Plan

**DWR** CA Department of Water Resources

**DWRLF** Drinking Water Revolving Loan Fund  
*Portion of DWSRF used for loans to water systems*

**DWSRF** Drinking Water State Revolving Fund  
*Annual federal grant that pays for loans and DWB activities*

## E

**EA** Environmental Assessment (in accordance with NEPA)

**EBCT** Empty Bed Contact Time

**EBI** Environmental Benefits Index

**EC** Emerging Constituents

**ECP** Emergency Conservation Program

**EFH** Engineering Field Handbook

**eFOTG** Electronic Field Office Technical Guide

**EFT** Electronic Fund Transfer

**EHS** Environment and Heritage Service (UK)

**EI** Erodibility Index

**EID** Environmental Information Document

**EIR** Environmental Impact Report (for California CEQA documents)

**EIS** Environmental Impact Statement (for federal NEPA documents)

**EISA** Energy Independence and Security Act 2007

**EMARCD** Elsinore-Murrieta-Anza Resource Conservation District

**EMAS** Eco-Management and Audit Scheme

**EMS** Emergency Medical Services

**EMS** Environmental Management System

**EMWD** Eastern Municipal Water District

**EO** Executive Order

**EPA** Environmental Protection Agency (see USEPA)

**EPAC 1992** Energy Policy Act of 1992

**EPAC 2005** Energy Policy Act of 2005

**EPIC** Erosion/Productivity Impact Calculator

**EPRRP** Emergency Preparedness and Response Plan

**EPW** Senate Environmental and Public Works

**EQ** Environmental Quality

**EQIP** Environmental Quality Incentive Program

**EQO** Environmental Quality Objective

**EQS** Environmental Quality Standard

**ERG** Expense Reimbursement Grant  
*A grant to reimburse operators for training*

**ERNIE** Emergency Response Network of the Inland Empire

**ES** Extension Service

**ESA** Endangered Species Act

**ESA** Environmentally Sensitive Area

**ESCO** Energy Service Company

**ESPC** Energy Saving Performance Contract

**ET** Evapotranspiration

**EVMWD** Elsinore Valley Municipal Water District

**EVRCD** East Valley Resource Conservation District

**EWP** Emergency Watershed Protection

**EWRP** Emergency Wetlands Reserve Program

## F

**FA** Functional Areas

**FACTA** Food and Agriculture Conservation and Trade Act

**FAIRA** Federal Agriculture Improvement and Reform Act of 1996

**FAS** Farm Assessment System

**FCD's** Flood Control Districts

**FEMA** Federal Emergency Management Agency

**FEMP** Federal Energy Management Program

**FI** Fouling Index

**FNM** Financial Management  
**FOCS** Field Office Computing System  
**FOIA** Freedom of Information Act  
**FOTG** Field Office Technical Guide  
**FPP** Farmland Protection Program  
**FRPP** Farm and Ranch Protection Program  
**FRR** Flood Risk Reduction  
**FS** U.S. Forest Service  
**FSA** Farm Service Agency  
**FSA** Food Security Act  
**FWS** U.S. Fish and Wildlife Service (see USFWS)

## G

**GAC** Granular Activated Carbon  
**GC** Gas Chromatography  
**GCM** General Circulation Model or Global Climate Model  
**GCMS** Gas Chromatograph + Mass Spectrometer  
**GHG** Greenhouse Gas  
**GIS** Geographic Information System  
**GLA** Grazing Land Application  
**GLCI** Grazing Land Conservation Initiative  
**GLV** Guideline Valve  
**GM** General Manual  
**GMO** Genetically Modified Organism  
**GPCD** Gallons Per Capita Per Day  
**GPM** Gallons Per Minute  
**GPRA** Government Performance Reporting Act  
**GPS** Global Positioning System  
**GRP** Grassland Reserve Program  
**GSA** General Services Agreement  
**GUI** Graphical User Interface  
**GW** Gigawatt  
**GWMP** Groundwater Management Plan  
**GWR** Groundwater Rule  
**GWRS** Groundwater Replenishment System  
**GWUDI** Ground Water Under Direct Influence *Groundwater that is impacted at least part of the year by surface water*

## H

**HAA5** Haloacetic Acids *The sum of the concentrations, in mg/L, of haloacetic acid compounds (monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid).*  
**HACCP** Hazard Analysis and Critical Control Point  
**HC** Hydrocarbons  
**HCMP** Hydraulic Control Monitoring Program  
**HCP** Habitat Conservation Plan  
**HCOC** Hydrologic Condition of Concern  
**HD** Hybrid-Delta *Method for assessing hydrologic impacts, where "climate change" weather reflects change in monthly distributions of temperature and precipitation sampled from a single projection.*  
**HDe** Ensemble Hybrid-Delta *Method for assessing hydrologic impacts, where "climate change" weather reflects change in period monthly distributions of temperature and precipitation sampled from a pooled ensemble of projection.*  
**HDPE** High Density Polyethylene  
**HECW** High-Efficiency Clothes Washer  
**HEL** Highly Erodible Land  
**HELC** Highly Erodible Land Conservation  
**HEP** Habitat Evaluation Procedures  
**HET** High-Efficiency Toilet  
**HFC** Hydrofluorocarbons  
**HGM** Hydrogeomorphic Methodology  
**HGSD** Home Gardens Sanitary District  
**HOS** Hypolimnetic Oxygenation System  
**HMP** Hydromodification Management Plan  
**HPC** Heterotrophic Plate Count

<b>HSJWM</b>	Hemet/San Jacinto Water Management area	<b>IRWMP</b>	Integrated Regional Water Management Plan
<b>HUC</b>	Hydrologic Unit Code	<b>IS</b>	Initial Study (for CEQA)
<b>I</b>		<b>IUP</b>	Intended Use Plan <i>Annual EPA required document for the SRF grant</i>
<b>IA</b>	Integrated Approach	<b>IWA</b>	International Water Association
<b>IAS</b>	Integrated Accounting System	<b>IWP</b>	Integrated Watershed Plan
<b>IAS</b>	Integrated Area Study	<b>IWRP</b>	Integrated Water Resources Plan
<b>ICADS</b>	Integrated Chino Arlington Desalter System	<b>IWSA</b>	International Water Supply Association
<b>ICSA</b>	Institutional Controls and Settlement Agreement	<b>IWSWTR</b>	Interim Enhanced Surface Water Treatment Rule
<b>ICWMP</b>	Integrated Coastal Watershed Management Plan	<b>IWW</b>	Industrial Waste Water
<b>IDSE</b>	Initial Distribution System Evaluation <i>A requirement of Stage 2 Disinfectants and Disinfection Byproduct Rule</i>	<b>J</b>	
<b>IEBL</b>	Inland Empire Brine Line	<b>JCSD</b>	Jurupa Community Services District
<b>IEI</b>	Inland Empire Interceptor	<b>JEG</b>	Joint Enterprise Group
<b>IEUA</b>	Inland Empire Utilities Agency (formerly Chino Basin MWD)	<b>JMC</b>	Joint Management Committee
<b>IEWRCD</b>	Inland Empire West Resource Conservation District	<b>JPA</b>	Joint Powers of Authority
<b>IOC</b>	Inorganic Chemical <i>Inorganic chemicals are metals, salts, and other compounds that do not contain carbon.</i>	<b>JTU</b>	Jackson Turbidity Unit
<b>IPC</b>	Integrated Pollution Control	<b>K</b>	
<b>IPCC</b>	Intergovernmental Panel on Climate Change	<b>km</b>	Kilometer
<b>IPM</b>	Integrated Pest Management	<b>kW</b>	Kilowatt
<b>IPPC</b>	Integrated Pollution Prevention and Control	<b>kWh</b>	Kilowatt-Hour
<b>IPR</b>	Indirect Potable Reuse	<b>L</b>	
<b>IRDMP</b>	Integrated Regional Dairy Management Plan	<b>LACFCD</b>	Los Angeles County Flood Control District
<b>IRGMP</b>	Integrated Regional Groundwater Plan	<b>LAFCO</b>	Local Agency Formation Commission
<b>IRP</b>	Integrated Resource Plan	<b>LCR</b>	Lead & Copper Rule
<b>IRS</b>	Internal Revenue Service	<b>LDPE</b>	Low Density Polyethylene
<b>IRWD</b>	Irvine Ranch Water District	<b>LESA</b>	Land Evaluation and Site Assessment
<b>IRWM</b>	Integrated Regional Water Management	<b>LESJWA</b>	Lake Elsinore & San Jacinto Watersheds Authority
		<b>LID</b>	Low Impact Development

<b>LIPs</b>	Local Implementation Plans
<b>LOMUs</b>	Letters of Mutual Understanding
<b>LRBs</b>	Lease-Revenue Bonds
<b>LRO</b>	Legally Responsible Official
<b>LSTP</b>	Local Sustainability Planning Tool
<b>LT1 or LT1ESWTR</b>	Long Term 1 Enhanced Surface Water Treatment Rule
<b>LT2 or LT2ESWTR</b>	Long Term 2 Enhanced Surface Water Treatment Rule
<b>LTC</b>	Long Term Contract
<b>LTP</b>	Land Treatment Program
<b>LWG</b>	Local Work Group

## M

<b>M&amp;E</b>	Monitoring and Evaluation
<b>M&amp;O</b>	Maintenance and Operation
<b>MAC</b>	Maximum Admissible Concentration
<b>MAP</b>	Mean Areal Precipitation
<b>MART</b>	Multi-Attribute Rating Technique
<b>MAT</b>	Mean Areal Temperature
<b>MB</b>	Mixed Bed
<b>MBE/WBE</b>	Minority Business Enterprise/Women's Business Enterprise
<b>MCL</b>	Maximum Contaminant Level <i>Maximum concentration of a contaminant that is allowed in drinking water</i>
<b>MDP</b>	Master Drainage Plan
<b>MDWCA</b>	Mutual Domestic Water Consumer's Association
<b>MEP</b>	Maximum Extent Practicable
<b>mg/L</b>	Milligrams per Liter <i>Units of chemical concentration (aka parts per million).</i>
<b>MGD</b>	Million Gallons per Day
<b>MHI</b>	Medium Household Income
<b>MLD</b>	Megalitres per Day
<b>MMPA</b>	Marine Mammal Protection Act
<b>MMS</b>	Manure Manifest System
<b>MMTCO2E</b>	Million metric tons carbon dioxide equivalent

<b>MND</b>	Mitigated Negative Declaration (for CEQA)
<b>MO</b>	Model Ordinance
<b>MOU</b>	Memorandum of Understanding
<b>MOR</b>	Monthly Operating Report <i>A monthly report that surface water treatment systems must submit</i>
<b>MPA</b>	Microscopic particulate Analysis <i>Water analysis used to determine if a water source is GWUDI</i>
<b>MPD</b>	Master Plan Data
<b>MPRSA</b>	Marine Protection, Research, and Sanctuaries Act
<b>MS4</b>	Municipal Separate Storm Sewer Systems
<b>MSHCP</b>	Multi-species Habitat Conservation Plan
<b>MSWMPs</b>	Municipal Storm Water Management Plans
<b>MTBE</b>	Methyl-tert-butyl Ether
<b>MFD</b>	Murrieta Fire Department
<b>MW</b>	Megawatt
<b>MWD</b>	The Metropolitan Water District of Southern California (also known as 'Metropolitan')
<b>MWDOC</b>	Municipal Water District of Orange County
<b>MWDSC</b>	Metropolitan Water District of Southern California

## N

<b>N2O</b>	Nitrous oxide
<b>NACD</b>	National Association of Conservation Districts
<b>NAD</b>	National Appeals Division
<b>NAM</b>	National Agronomy Manual
<b>NAPL</b>	Non Aqueous Phase Liquid
<b>NBH</b>	National Biology Handbook
<b>NCCP</b>	Natural Community Conservation Planning
<b>NCCPA</b>	Natural Communities Conservation Planning Act
<b>ND or Neg Dec</b>	Negative Declaration (for CEQA)
<b>ND</b>	Not Detected

<b>NED</b>	National Economic Development		
<b>NEPA</b>	National Environmental Policy Act		
<b>NF</b>	Nanofiltration		
<b>NF3</b>	Nitrogen Trifluoride		
<b>NFIP</b>	National Flood Insurance Program	<b>NTS</b>	Natural Treatment System
<b>NFSAM</b>	National Food Security Act Manual	<b>NTU</b>	Nephelometric Turbidity Units <i>The unit of measurement of turbidity in water</i>
<b>NGOs</b>	Nongovernmental Organizations		
<b>NHCP</b>	National Handbook of Conservation Practices	<b>NWRA</b>	National Water Resource Association
<b>NHEL</b>	Non-Highly Erodible Land	<b>NWS</b>	National Weather Service
<b>NHPA</b>	National Historic Preservation Act	<b>NWSRFS</b>	National Weather Service River Forecasting System
<b>NIFA</b>	National Institute of Food and Agriculture		
<b>NIMS</b>	National Incident Management System		
<b>NMFS</b>	National Marine Fisheries Service	<b>O</b>	
<b>NNE</b>	Numeric Nutrient Endpoint		
<b>NOAA</b>	National Oceanic and Atmospheric Administration	<b>O&amp;M</b>	Operations and Maintenance
<b>NOD</b>	Notice of Determination	<b>OA</b>	Operational Area
<b>NOE</b>	Notice of Exclusion (for NEPA)	<b>OAL</b>	Office of Administrative Law
<b>NOE</b>	Notice of Exemption (for CEQA)	<b>OBMP</b>	Optimum Basin Management Plan
<b>NOI</b>	Notice of Intent (for CEQA and NEPA)	<b>OCCOG</b>	Orange County Council of Governments
<b>NOx</b>	Nitrogen Oxide	<b>OCFCD</b>	Orange County Flood Control District
<b>NPDES</b>	National Pollutant Discharge Elimination System	<b>OCR</b>	Optical Character Recognition
<b>NPDWR</b>	National Primary Drinking Water Regulations	<b>OCRDMD</b>	Orange County Resources & Development Management Department
<b>NPPH</b>	National Planning Procedures Handbook	<b>OCSD</b>	Orange County Sanitation District
<b>NPS</b>	National Park Service	<b>OCWD</b>	Orange County Water District
<b>NRCDD</b>	National Resource Conservation District	<b>OECD</b>	Organization for Economic Cooperation and Development ( <a href="http://www.oecd.org">www.oecd.org</a> )
<b>NRCS</b>	National Resources Conservation Service	<b>OEHHA</b>	Office of Environmental Health Hazard Assessment
<b>NRDC</b>	National Resources Defense Council	<b>OES</b>	Office of Emergency Services
<b>NRI</b>	National Resources Inventory	<b>OMB</b>	Office of Management and Budget
<b>NRPH</b>	National Range and Pasture Handbook	<b>OMI</b>	Operations Management International, Inc.
<b>N/TDS</b>	Nitrogen/Total Dissolved Solids	<b>OPEX</b>	Operating Expenditure on a recurring annual basis
<b>NTE</b>	Not-to-Exceed	<b>OPC</b>	Ocean Protection Council
<b>NTNCWD</b>	Non-Transient Non-Community Water System	<b>OPR</b>	Office of Planning and Research

**OSEC** On-Site Electrolytic Chlorination  
**OWOW** One Water One Watershed

## P

**PAC** Powdered Activated Carbon  
**PACE** Property Assessed Clean Energy  
**PAG** Policy Advisory Group  
**PAH** Polycyclic Aromatic Hydrocarbons  
**PAT** Process Action Team  
**PBT** Performance Based Training  
*Operators taken through a series of advanced training sessions to meet AWOP goals.*

**PCA** Potential Construction Agencies  
**PCMS** Purchase Card Management System

**PCV** Prescribed Concentration or Value

**PDF** Portable Document Files

**PE** Professional Engineer

**PER** Preliminary Engineer Review

**PET** Potential Evapotranspiration

**PFCs** Perfluorocarbons

**pH** Hydrogen potential

**PHEL** Potential Highly Erodible Land

**PI** Phosphorus Index

**PL-566** Small Watershed Program

**PLGR** Precision Lightweight Guidance Receiver

**PMC** Plant Material Center

**PMF** Probable Maximum Flood

**PMPA** Petroleum Marketers Practices Act

**POTW** Publicly Owned Treatment Works

**ppb** Parts Per Billion  
*Units of measure for concentrations equivalent to micrograms per liter (ug/L)*

**ppm** Parts Per Million  
*Units of measure for concentrations equivalent to milligrams per liter (mg/L)*

**PPP** Public Private Partnership

**ppt** Parts Per Trillion

**PRMS** Performance Reporting Measurement System

**PRP** Policy Review Panel

**PRV** Pressure Reducing Valve

**PTE** Potentially Toxic Element

**PVC** Polyvinyl Chloride

**PWS** Public Water System

*A water system that has at least 15 connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.*

**PWSS** Public Water System Supervision  
*A federal grant to drinking water programs.*

## R

**RBC** Rotating Biological Contactor

**RC&D** Resource Conservation and Development

**RCAC** Rural Community Assistance Corporation

**RBTS** Reed Bed Treatment System

**RCD** Resource Conservation District

**RCFC&WCD** Riverside County Flood Control & Water Conservation District

**RCM** Regional Climate Model

**RCP** Reinforced Clay Pipe

**RCRCD** Riverside-Corona Resource Conservation District

**RCSD** Rubidoux Community Services District

**RD** Rural Development  
*A USDA program that, among other functions, assists rural water systems.*

**Reclamation** Bureau of Reclamation

**RED** Regional Economic Development

**RFI** Request for Information

**RFP** Request for Proposals

**RIX** Regional Infiltration Extraction

**RMS** Rangeland Management Specialist

**RMS** Resource Management System/Strategy

**RO** Reverse Osmosis  
**ROW** Right of Way  
**RP-5** Regional Wastewater Treatment Plant No. 5  
**RTC** Real Time Control  
**RTP** Regional Transportation Plan  
**RUSD** Riverside Unified School District  
**RUSLE** Revised Universal Soil Loss Equation  
**RWMG** Regional Water Management Group  
**RWRF** Regional Water Reclamation Facility  
**RWQCB** Regional Water Quality Control Board

## S

**SAR** Santa Ana River  
**SARBS** Santa Ana River Basin Section  
**SARDA** Santa Ana River Discharge Association  
**SARP** Santa Ana River Main Stem Project  
**SARE** Sustainable Agriculture Research and Education  
**SARI** Santa Ana Regional Interceptor (*referred to as Brine Line as of 2011*)  
**SARI Reaches** I, II, III, IV, IV-A, IV-B, IV-D, IV-E, V  
**SART** Santa Ana River Trail  
**SARWG** Santa Ana River Watershed Group  
**SARWMB** Santa Ana River Wetlands Mitigation Bank  
**SARWQCB** Santa Ana Regional Water Quality Control Board  
**SAW** Santa Ana Watershed  
**SAWA** Santa Ana Watershed Association of Resource Conservation Districts  
**SAWPA** Santa Ana Watershed Project Authority  
**SB** Senate Bill  
**SBBA** San Bernardino Basin Area  
**SBCFCD** San Bernardino County Flood Control District

**SBR** Sequencing Batch Reactor  
**SBVMWD** San Bernardino Valley Municipal Water District (see Valley District)  
**SBVWCD** San Bernardino Valley Water Conservation District  
**SBWD** San Bernardino Water Department  
**SCADA** Supervisory Control and Data Acquisition  
**SCAG** Southern California Association of Governments  
**SCAQMD** South Coast Air Quality Management District  
**SCCWRP** Southern California Coastal Water Research Project  
**SCD** Soil Conservation District  
**SCE** Southern California Edison  
**SCIWP** Southern California Integrated Watershed Program  
**SCS** Sustainable Communities Strategy  
**SCSC** Southern California Salinity Coalition  
**SCWC** Southern California Water Committee  
**SDWA** Safe Drinking Water Act  
*The federal law regulating public water systems.*  
**SEIR** Subsequent Environmental Impact Report (for CEQA)  
**SEMS** Standardized Emergency Management System  
**SERP** State Environmental Review Process  
*An environmental review process required for projects funded by federal loan funds.*  
**SERT** State Emergency Response Team  
**SF6** Sulfur Hexafluoride  
**SGPWA** San Geronio Pass Water Agency  
**SHPO** State Historic Preservation Officer  
**SI** International System of Units  
**SI** Sustainable Infrastructure  
**SJR** San Jacinto River  
**SJBRCD** San Jacinto Basin Resource Conservation District  
**SJRW** San Jacinto River Watershed Council

**SLR** Sea level rise  
**SMC** Stormwater Monitoring Coalition  
**SME** Small and Medium Sized Enterprises  
**SNC** Significant Non-Compliance  
**SOC** Synthetic Organic Chemical  
*A group of organic chemicals commonly found in pesticides and other industrial and commercial chemical discharges.*  
**SOP** Standard Operating Procedure  
**SPA** Sanitary Projects Act  
**SPF** Standard Project Flood  
**SPV** Special Purpose Vehicle  
**SRC** State Resource Conservationist  
**SRF** State Revolving Fund (see DWSRF)  
**SRM** Society for Range Management  
**SS** Suspended Solids  
**SSMP** Sewer System Management Plan  
**SSO** Sanitary Sewer Overflow  
**SSSI** Site of Special Scientific Interest  
**SSURGO** Soil Survey Geographic Database  
**STATSGO** State Soil Geographic Database  
**STW** Sewage Treatment Work  
**STWMA** San Timoteo Watershed Management Authority  
**SVAP** Stream Visual Assessment Protocol  
**SWAPA** Soil Water Air Plants and Animals  
**SWAPA+H** Soil Water Plants Animals and Humans  
**SWCA** Soil and Water Conservation Assistance  
**SWCD** Soil and Water Conservation District  
**SWCS** Soil and Water Conservation Society  
**SWOT** Strengths, Weaknesses, Opportunities and Threats  
**SWP** State Water Project  
**SWPP** Source Water Protection Program  
**SWRCB** State Water Resources Control Board  
**SWTP** Surface Water Treatment Plant

## T

**T&E** Threatened and Endangered Species  
**TAC** Technical Advisory Committee  
**TAD** Thermophilic Aerobic Digestion  
**TAG** Technical Advisory Group  
**TC** Total Coliform  
**TCE** Trichlorethylene  
**TCR** The California Registry  
**TCR** Total Coliform Rule  
**TDS** Total Dissolved Solids  
**TF** Treatment Facility  
**TGDs** Technical Guidance Documents  
**THM** Trihalomethane  
**TIFIA** Transportation Infrastructure Finance Innovation Act  
**TIN** Total Inorganic Nitrogen  
**TIN/TDS** Nitrogen and TDS  
**TKN** Total Kjeldahl Nitrogen  
**TMDL** Total Maximum Daily Load  
**TMWDSC** The Metropolitan Water District of Southern California (also commonly referred to as MWD)  
**TOC** Total Organic Carbon  
**TP** Treatment Plant  
**TPP** Transit Priority Project  
**TPRC** Technical Peer Review Committee  
**TSP** Technical Service Provider  
**TSS** Total Suspended Solids  
**TTHM** Total Trihalomethanes  
*The sum of the concentration in mg/L of the trihalomethane compounds (trichloromethane [chloroform], dibromochloromethane, bromodichloromethane and tribromomethane [bromoform]). These are disinfection byproduct chemicals.*  
**TTOs** Total Toxic Organics  
**TVRI** Temescal Valley Regional SARI Reach V  
**TWL** Top Water Level

## U

<b>UCCE</b>	University of California, Irvine Cooperative Extension
<b>UCMR</b>	Unregulated Contaminant Monitoring Rule
<b>ug/L</b>	Micrograms Per Liter <i>Units of chemical concentration (aka ppb)</i>
<b>UWMP</b>	Urban Water Management Plan
<b>UNEP</b>	United Nations Environment Programme
<b>UNESCO</b>	United Nations Educational, Scientific and Cultural Organization
<b>URF</b>	Urban Runoff Fund
<b>USACE</b>	United States Army Corps of Engineers
<b>USBR</b>	United States Bureau of Reclamation
<b>USC</b>	United States Code
<b>USDI</b>	United States Department of the Interior
<b>USEPA</b>	United States Environmental Protection Agency
<b>USFWS</b>	United States Fish and Wildlife Service
<b>USGCRP</b>	United States Global Change Research Program
<b>USGS</b>	United States Geological Survey
<b>USPS</b>	United States Postal Service
<b>UV</b>	Ultraviolet Radiation
<b>UWMP</b>	Urban Water Management Plans

## V

<b>Valley District</b>	San Bernardino Valley Municipal Water District (see SBVMWD)
<b>VCP</b>	Vitrified Clay Pipe
<b>VE</b>	Value Engineering
<b>VFA</b>	Volatile Fatty Acid
<b>VFD</b>	Variable Frequency Drive
<b>VIC</b>	Variable Infiltration Capacity hydrologic model
<b>VOC</b>	Volatile Organic Chemical

*A variety of compounds composed primarily of carbon and hydrogen, but may also contain chlorine, fluorine, and/or bromine. They are predominantly used as solvents, degreasers, cleaning solutions, dry cleaning fluids, and components of pesticides and plastics.*

<b>VSS</b>	Volatile Suspended Solids
<b>VVWRA</b>	Victor Valley Wastewater Reclamation Authority

## W

<b>WADER</b>	Water and Dam Emergency Response
<b>WAF</b>	California Watershed Assessment Framework
<b>WaterSMART</b>	WaterSMART (Sustain and Manage America's Resources for Tomorrow)
<b>WAP</b>	Water Action Plan
<b>WBIC</b>	Weather-Based Irrigation Controller
<b>WBP</b>	Water Bank Program
<b>WC</b>	Water Column
<b>WC</b>	Wetlands Conservation
<b>WCRP</b>	World Climate Research Programme
<b>WCVC</b>	Watershed Coalition of Ventura County
<b>WDRs</b>	Waste Discharge Requirements (CA permits through SWRCB or RWQCB for discharge to land or water)
<b>WDSP</b>	Waterborne Disease Surveillance Program
<b>WebTCAS</b>	Web Based Total Cost Accounting System
<b>WEF</b>	Water Environment Federation <a href="http://www.wef.org">www.wef.org</a>
<b>WEPP</b>	Water Erosion Prediction Project
<b>WEPS</b>	Wind Erosion Prediction Project
<b>WEQ</b>	Wind Erosion Equation

<b>WERF</b>	Water Environment Research Foundation <a href="http://www.werf.org">www.werf.org</a>	<b>WVWD</b>	West Valley Water District
<b>WEROC</b>	Water Emergency Response Organization of Orange County	<b>WWTP</b>	Waste Water Treatment Plant
<b>WET-CAT</b>	Water Energy Team of the Climate Action Team	<b>Y</b>	
<b>WFP</b>	Water Filtration Plant	<b>YVWD</b>	Yucaipa Valley Water District
<b>WHDP</b>	Wildlife Habitat Development Plan		
<b>WHIP</b>	Wildlife Habitat Incentives Program		
<b>WHO</b>	World Health Organization		
<b>WHPP</b>	Well Head Protection Program		
<b>WIHMP</b>	Watershed Infiltration and Hydromodification Plan		
<b>WIFIA</b>	Water Infrastructure Finance and Innovation Act		
<b>WIN</b>	Water Integration Nexus		
<b>WLA</b>	Workload Analysis		
<b>WMA</b>	Watershed Management Area		
<b>WMWD</b>	Western Municipal Water District		
<b>WMP</b>	Watershed Master Plan		
<b>WRCAC</b>	Western Riverside County Agriculture Coalition		
<b>WQ</b>	Water Quality		
<b>WQMP</b>	Water Quality Management Plan		
<b>WQC</b>	Water Quality Certification (under CWA Section 401)		
<b>WQIP</b>	Water Quality Incentive Program		
<b>WQO</b>	Water Quality Objectives		
<b>WRAS</b>	Watershed Restoration Action Strategies		
<b>WRCAS</b>	Western Riverside County Agriculture Coalition		
<b>WRCRWA</b>	Western Riverside County Regional Wastewater Authority		
<b>WRP</b>	Water Reclamation Plant		
<b>WRP</b>	Wetlands Reserve Program		
<b>WRRTP</b>	West Riverside Regional Treatment Plant		
<b>WSAP</b>	Water Supply Allocation Plan		
<b>WSBCWD</b>	West San Bernardino County Water District		
<b>WSJGM</b>	West San Jacinto Grounwater Basin Management		
<b>WTP</b>	Water Treatment Plant		

