



AAS	Atomic Absorption Spectrometry (analytical chemistry)
ADAS	Consultancy to land-based industries (UK) (www.adas.co.uk)
ADI	Acceptable Daily Intake (toxicology)
AOC	Assimilable Organic Carbon (water chemistry and biology)
AWWA	American Water Works Association (www.awwa.org)
AMP	Asset Management Plan
BAC	Biological Activated Carbon (water treatment)
BAF	Biological Aerated Filter (wastewater treatment)
BAP	Biodiversity Action Plan
BATNEEC	Best Available Techniques Not Entailing Excessive Costs
BBSRC	The Biotechnology and Biological Sciences Research Council (UK) (www.bbsrc.ac.uk)
BFP	Biofilm Formation Potential (water chemistry and biology)
BGS	British Geological Survey (www.bgs.ac.uk)
BOD5	Biochemical Oxygen Demand (over a 5 day period)
BPEO	Best Practicable Environmental Option
BPU	Biocides and Pesticides Unit (part of HSE)
BSE	Bovine Spongiform Encephalopathy
BSRIA	Building Services Research & Information Association (UK)
CABWI	Certification and Assessment Board for the Water Industry (UK)
CAP	Common Agricultural Policy (European Union)
CAPEX	Capital Expenditure investment
CBD	Convention on Biological Diversity
CCDC	Consultant in Communicable Disease Control
CCTV	Closed Circuit Television
CCW	Countryside Council for Wales (http://www.ccw.gov.uk)
CDSC	Communicable Disease Surveillance Centre (UK) (www.phls.co.uk)
CEFAS	Centre for Environment, Fisheries and Aquaculture Science (UK)
CEH	Centre for Ecology and Hydrology (UK) (www.ceh.ac.uk)
CERC	Centre for Environmental Research and Consultancy (Coventry University, UK)
CEST	Centre for Exploitation of Science and Technology (UK)
CESWI	Civil Engineering Specification for the Water Industry (UK)
CFC	Chlorofluorocarbons

cfu	Colony Forming Unit (Microbiology)
CHEC	Commonwealth Human Ecology Council
CHIP	The Classification (Hazard Information and Packaging for Supply) Regulations (UK)
CHP	Combined Heat and Power
CIEH	Chartered Institute of Environmental Health (UK) (www.cieh.org.uk)
CIRIA	Construction Industry Research and Information Association (UK) (www.ciria.org.uk)
CIS	Common Implementation Strategy (re EU Water Framework Directive)
CITES	Convention for the International Trade in Endangered Species of Wild Fauna and Flora
CIWEM	Chartered Institution of Water and Environmental Management (UK) (www.ciwem.org.uk)
CJD	Creutzfeld-Jakob's Disease
CLRC	Central Laboratory of the Research Councils (UK)
CMS	Convention on the Conservation of Migratory Species of Wild Animals
COD	Chemical Oxygen Demand (water chemistry)
COGAP	Code of Good Agricultural Practice
CORDIS	Community Research and Development Information Service (of the European Community) (www.cordis.lu)
CPA	Crop Protection Association (http://www.cropprotection.org.uk)
CPHM	Consultant in Public Health Medicine
CPRE	Council for the Protection of Rural England (www.cpre.org.uk)
CSO	Combined Sewer Overflow
CV	Check Valve (water engineering)
DAF	Dissolved Air Flotation (water and wastewater treatment)
DARD	Department of Agriculture and Rural Development (Northern Ireland) (www.dani.gov.uk)
DBP	Disinfection By-Product
DDT	An insecticide with the chemical name 1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane
Defra	Department for Environment, Food and Rural Affairs (UK) (www.Defra.gov.uk)
DETR	Department of the Environment, Transport and the Regions (UK) to June 2001; replaced by Defra
DMA	District Meter Area (leakage control)
DO	Dissolved Oxygen (water chemistry)
DOC	Dissolved Organic Carbon (water chemistry)
DoH	Department of Health (UK)
DSI	Draft Statutory Instrument (England & Wales)
DSR	Draft (Northern Ireland) Statutory Rule
DSSI	Draft Scottish Stutory Instrument
DTI	Department of Trade and Industry (UK)

DTLR	Department for Transport, Local Government and the Regions (UK) (www.dtlr.gov.uk)
DVGW	Deutscher Verein des Gas-und Wasserfaches e.V (Bonn, Germany)
DWI	Drinking Water Inspectorate (UK) (www.dwi.gov.uk)
EA	Environment Agency (UK) (www.environment-agency.gov.uk)
EBCT	Empty Bed Contact Time (water treatment)
EC	European Community or Commision
ECAP	Eutrophication Control Action Plan
EHO	Environmental Health Officer (UK)
EHS	Environment and Heritage Service (www.doeni.gov.uk)
EMAS	Eco-Management and Audit Scheme
EMS	Environmental Management System
EN	English Nature (UK) (www.english-nature.org.uk)
EPA	Environment Protection Agency (US)
EPSRC	Engineering and Physical Sciences Research Council (UK) (www.epsrc.ac.uk)
ESA	Environmentally Sensitive Area
ESRC	Economic and Social Research Council (UK) (www.esrc.ac.uk)
EQO	Environmental Quality Objective
EQS	Environmental Quality Standard
ERA	Environmental Risk Assessment
EU	European Union
EUREAU	European Union of National Associations of Water Suppliers and Waste Water Services
EWPCA	European Water Pollution Control Association (www.atv.de/ewpca/)
FAO	Food and Agriculture Organization (of the United Nations)
FWR	Foundation for Water Research (UK) (www.fwr.org)
GAC	Granular Activated Carbon (water treatment)
GATT	General Agreement on Tariffs and Trade
GIS	Geographic Information System
GLV	Guideline Value (water quality standards)
GMO	Genetically Modified Organism
GWINTO	The Gas and Water Industry National Training Organisation (UK) (www.gwinto.co.uk)
HACCP	Hazard Analysis Critical Control Point
HAP	Habitat Action Plan
HMSO	Her Majesty's Stationery Office (UK) (www.hmso.gov.uk)
HPC	Heterotrophic Plate Count (water biology)

HSE	Health and Safety Executive (UK)
ICE	The Institution of Civil Engineers (UK) (www.ice.org.uk)
IFE	Institute of Freshwater Ecology (UK) Since 2000 CEH Windermere (www.ceh.ac.uk)
IFR	Institute for Food Research (UK)
IGER	Institute of Grassland and Environmental Research (UK) (www.iger.bbsrc.ac.uk/igerweb/)
IH	Institute of Hydrology (UK) (www.nwl.ac.uk/ih/) Since 2000 Centre for Ecology and Hydrology (CEH), Wallingford.
ILO	International Labour Organisation
IPC	Integrated Pollution Control
IRC	International Water and Sanitation Centre (ww.irc.nl)
ISO	International Organization for Standardization
ITE	Institute of Terrestrial Ecology (UK) Since 2000 Centre for Ecology and Hydrology (CEH) (www.ceh.ac.uk)
IUVA	International Ultra Violet Association (www.iuva.org)
IVEM	Institute for Virology and Environmental Microbiology. Since 2000 CEH Oxford (www.nerc-oxford.ac.uk/cehoxford/)
IWA	International Water Association (www.iwahq.org.uk)
IWO	Institution of Water Officers (UK) (www.iwo.org.uk)
IPPC	Integrated Pollution Prevention and Control
JNCC	Joint Nature Conservation Committee (UK) (http://www.jncc.gov.uk)
LBAP	Local Biodiversity Action Plan
LEAP	Local Environment Agency Plan
LOAEL	Lowest observed adverse effect level (toxicology)
MAC	<i>Mycobacterium avium</i> complex or Maximum Admissible Concentration
MAFF	Ministry of Agriculture, Fisheries and Food (UK) to June 2001; replaced by Defra
MAPPs	Ministerially Approved Pesticide Products (UK)
MCL	Maximum Contaminant Level (water quality standards)
MDPE	Medium Density Polyethylene (pressure pipe material)
mgd	Million gallons per day
MHRA	Medicines & Healthcare products Regulatory Agency (UK)
mld	Megalitres per day
MNR	Marine Nature Reserve
MSDS	Material Safety Data Sheets
MTBE	Methyl-tert-butyl ether (water chemistry)
NAPL	Non Aqueous phase liquid
NAS	National Approval Scheme
NAW	National Assembly for Wales

NERC	Natural Environment Research Council (www.nerc.ac.uk)
NGO	Non Government Organisation
NI	Northern Ireland
NJUG	National Joint Utilities Group (UK) (www.njug.org.uk)
NNR	National Nature Reserve
NOAEL	No observed adverse effect level (toxicology)
Nox	Nitrogen Oxide (Air Quality)
NPL	National Physical Laboratory (UK) (www.npl.co.uk)
NSA	Nitrate Sensitive Area
NTU	Nephelometric Turbidity Unit (water chemistry)
NVZ	Nitrate Vulnerable Zone (water resource protection)
OECD	Organisation for Economic Co-operation and Development (www.oecd.org)
OFWAT	Office of Water Services (UK) (www.ofwat.gov.uk)
OPEX	Operating Expenditure on a recurring annual basis
OSEC	On-Site Electrolytic Chlorination (water treatment)
OSPAR	Convention for the Protection of the Marine Environment of the North East Atlantic
OST	Office of Science and Technology (UK) (www.dti.gov.uk/ost/)
PAC	Powdered Activated Carbon (water treatment)
PAH	Polycyclic Aromatic Hydrocarbons (water chemistry)
PAN	Pesticide Action Network (http://pan-uk.org)
PCV	Prescribed Concentration or Value (water quality standards)
pe	Population Equivalent (wastewater treatment)
PHLS	Public Health Laboratory Service (UK) (www.phls.co.uk)
PPCPs	Pharmaceutical and Personal Care Products
ppm	parts per million (equivalent to milligrams per litre for water)
PRV	Pressure Reducing Valve (water distribution)
PSD	Pesticides Safety Directorate (Executive Agency of Defra) (http://www.pesticides.gov.uk)
psi	pounds per square inch
PTE	Potentially Toxic Element
PVC-U	Unplasticised Polyvinyl Chloride (pressure pipe material)
RBC	Rotating Biological Contactor (wastewater treatment)
RBTS	Reed Bed Treatment System (wastewater treatment)
REACH	Registration, Evaluation and Authorisation of Chemicals (EU Commission initiative)
RO	Reverse Osmosis (water treatment)

RSC	Royal Society of Chemistry (UK) (www.rsc.org)
RTC	Real Time Control
SAC	Special Areas of Conservation
SBR	Sequencing Batch Reactor (wastewater treatment)
SBWWI	Society of British Water and Wastewater Industries (UK) (www.sbwwi.co.uk)
SCADA	Supervisory Control and Data Acquisition (system)
SCI	Society of Chemical Industry (UK) (www.soci.org)
SDWA	Safe Drinking Water Act (US legislation)
SAC	Special Area of Conservation
SAP	Species Action Plan
SEPA	Scottish Environmental Protection Agency (www.sepa.org.uk)
SI	Statutory Instrument (England & Wales)
SME	Small and Medium Sized Enterprises
SNH	Scottish National Heritage (http://www.snh.org.uk)
SNIFFER	Scottish and Northern Ireland Forum for Environmental Research
SPA	Special Protection Area or (Northern Ireland) Statutory Rule
SR	Service Reservoir (water distribution)
SRP	Soluble Reactive Phosphorus (water chemistry)
SS	Suspended Solids (wastewater composition)
SSI	Scottish Statutory Instrument
SSSI	Site of Special Scientific Interest
STW	Sewage Treatment Works
SWIG	Sensors for Water Interest Group (UK) (www.swig.org.uk)
TAD	Thermophilic Aerobic Digestion (wastewater sludge treatment)
tds	Total dissolved solids (water chemistry) or tonne of dried solids (sewage sludge)
THM	Trihalomethane (water chemistry)
TOC	Total Organic Carbon (water chemistry)
TWL	Top Water level (water reservoirs)
TZW	Technologiezentrum Wasser (Karlsruhe, Germany)
UKTAG	UK WFD Technical Advisory Group
UKWIR	United Kingdom Water Industry Research Ltd (http://www.ukwir.org)
UN	United Nations
UNEP	United Nations Environment Programme

UNESCO	United Nations Educational, Scientific and Cultural Organization
UWRAA	Urban Water Research Association of Australia
UWWTD	Urban Waste Water Treatment Directive (EC legislation)
VFA	Volatile Fatty Acid (wastewater chemistry)
vlp	virus like particle (water biology)
VOC	Volatile Organic Compound
WaPUG	Wastewater Planning Users Group (www.wapug.org.uk)
WEDC	Water Engineering and Development Centre (Loughborough University, UK)
WEF	Water Environment Federation (USA) (www.wef.org)
WERF	Water Environment Research Foundation (USA) (www.werf.org)
WFD	Water Framework Directive
WHO	World Health Organization
WHOPES	World Health Organization Pesticide Evaluation Scheme
WRAS	Water Regulations Advisory Scheme (UK) (www.wras.co.uk)
WRC	Water Research Commission (South Africa) (www.wrc.org.za)
WRc	Water Research Centre plc (UK) (www.wrcplc.co.uk)
WRF	Water Research Foundation (formerly AWWARF www.waterresearchfoundation.org/)
WSAA	Water Services Association of Australia (www.wsaa.asn.au)