



South East Strategic Reservoir Option
Preliminary Environmental Information Report

Chapter 23 - Abbreviations

Date: October 2025

Contents

23 Abbreviations..... 1

23 Abbreviations

Abbreviation / Acronym	Title / Description
AADT	Annual Average Daily Traffic
ABP	Animal By-Products
ADC	Auxiliary drawdown channel
AEP	Annual Exceedance Probability
A/HMWB	Artificial or Heavily Modified Water Body
AI	Artificial Intelligence
AIA	Arboriculture Impact Assessment
AIL	Abnormal Indivisible Load
AIM	Aerial Interpretation and Mapping
ALARP	As Low as Reasonably Practicable
ALBST	Advanced Level Bat Survey Techniques
ALC	Agricultural Land Classification
AM	Additional Mitigation
AMP	Asset Management Plan
ANC	Association of Noise Consultants
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
AONB-LCA	Area of Outstanding Natural Beauty Integrated Landscape Character Assessment
APHA	Animal and Plant Health Agency
AQAL	Air Quality Assessment Level
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Area
ARN	Affected Road Network
ASR	Annual Status Report
ATC	Automatic Traffic Count
AWB	Artificial Water Body

Abbreviation / Acronym	Title / Description
BAME	Black, Asian and Minority Ethnic
BAP	Biodiversity Action Plan
BBOWT	Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust
BESS	Battery Energy Storage System
BGS	British Geological Society
BMV	Best and Most Versatile
BNG	Biodiversity Net Gain
BNL	Basic Noise Level
BoCC	Birds of Conservation Concern
BOD	Biochemical Oxygen Demand
BPM	Best Practicable Means
BSI	British Standards Institution
BTO	British Trust for Ornithology
c	circa
CA	Conservation Area
CAA	Civil Aviation Authority
CAR-SOIL	Control of Asbestos Regulations - Soil
CCC	Climate Change Committee
CCI	Community Conservation Index
CCR	Climate Change Risk
CCTV	Closed-circuit television
CDM	Construction Design Management
CEA	Cumulative Effects Assessment
CEMP	Construction Environment Management Plan
CEP	Community Employment Plan
CFA	Continuous Flight Auger
CFD	Computational Fluid Dynamics
CH4	Methane
CHIA	Cultural Heritage Impact Assessment

Abbreviation / Acronym	Title / Description
CIBSE	Chartered Institution of Building Services Engineers
CIC	Construction Industry Council
CIEEM	Chartered institute of Ecology and Environmental Management
CIEH	Chartered Institute of Environmental Health
CIfA	Chartered Institute for Archaeologists
CILT	Chartered Institute of Logistics and Transport
CIRIA	Construction Industry Research and Information Association
CITB	Construction Industry Training Board
CL:AIRE	Contaminated Land: Applications in Real Environments
CLOCS	Construction, Logistics and Community Safety
CLP	Classification, Labelling, and Packaging
CMP	Carbon Management Plan
CO2	Carbon Dioxide
CO2e	Carbon Dioxide equivalent
CoCP	Code of Construction Practice
COMAH	Control of Major Accidents Hazards Regulations
CoP	Code of Practice
COSHH	Control of Substances Hazardous to Health
CP	Control Point
CPC	Culham Parish Council
CPRE	The Campaign to Protect Rural England
CRI	Climate Risk Indicators
CRTN	Calculation of Road Traffic Noise
CSM	Conceptual Site Model
CTMP	Construction Traffic Management Plan
CWMS	Community Wastewater Management System
CWTP	Construction Workforce Travel Plan
DAMS	Detailed Archaeological Mitigation Strategy
DCO	Development Consent Order

Abbreviation / Acronym	Title / Description
DDA	Disability Discrimination Act
Defra	Department for Environment, Food & Rural Affairs
DESNZ	Department for Energy Security and Net Zero
DfT	Department for Transport
DIO	Defence Infrastructure Organisation
DLL	District Level Licensing
DMRB	Design Manual for Roads and Bridges
DNO	Distribution Network Operator
DoS	Degree of Saturation
DoW	Definition of Waste
DoWCoP	Definition of Waste Development Industry Code of Practice
DQRA	Detailed Quantitative Risk Assessment
DSM	Digital Surface Model
DTM	Digital Terrain Model
DWI	Drinking Water Inspectorate
DWP	Department of Work and Pensions
DWSZ	Drinking Water Safeguard Zone
EA	Environment Agency
EATM	Environmental Assessment of Traffic and Movement
ECHR	European Convention on Human Rights
EcIA	Ecological Impact Assessment
ECow	Ecological Clerk of Works
ECPC	East Challow Parish Council
eDNA	Environmental DNA
ED	Embedded Mitigation
EF	Emission Factor
EFI	Environmental Flow Indicator
EHRC	Equality and Human Rights Commission
EIA	Environmental Impact Assessment

Abbreviation / Acronym	Title / Description
EMS	Environmental Management System
ENG	Environmental Noise Guidelines
EPA	Environmental Protection Act
EPB	Earth Pressure Balance
EPS	European Protected Species
EPUK	Environmental Protection UK
EQS	Environmental Quality Standard
ES	Environmental Statement
ESI	Environmental Simulations Incorporated
EU	European Union
EUIs	Energy Use Intensities
EV	Electric vehicle
FCD	Field Capacity Days
FOC	Fraction of Organic Carbon
FORS	Fleet Operator Recognition Scheme
FRA	Flood Risk Assessment
FRMP	Flood Risk Management Plan
FWRA	Foundation Works Risk Assessment
GAC	Genetic Assessment Criteria
GCR	Geological Conservation Review
GCN	Great Crested Newt
GCS	Good Chemical Status
GEP	Good Ecological Potential
GES	Good Ecological Status
GHG	Greenhouse Gases
GI	Ground Investigation
GIR	Ground Investigation Reports
GIR	Geotechnical Interpretive Reports
GIS	Geographic Information System

Abbreviation / Acronym	Title / Description
GLTA	Ground Level Tree Assessments
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GQRA	Generic Quantitative Risk Assessment
GSI	Green Spaces Index
GVA	Gross Value Added
GWDE	Groundwater Dependent Terrestrial Ecosystems
GWML	Great Western Main Line
HER	Historic Environment Record
HGV	Heavy Goods Vehicle
HIA	Hydrological Impact Assessment
HIA	Health Impact Assessment
HLC	Historic Landscape Characterisation
HMWB	Heavily Modified Water Body
HoF	Hands off Flow
HPI	Habitats of Principal Importance
HRA	Habitats Regulations Assessment
HRA	Human Rights Act
HS2	High Speed 2
HSE	Health and Safety Executive
HSI	Habitat Suitability Index
HSW	Health, Safety and Welfare
HSWA	Health and Safety at Work Act
HTM	Health Technical Memorandum
HVO	Hydrotreated Vegetable Oil
IACPC	Impact Assessment and Conservation Payment Certificate
IAQM	Institute of Air Quality Management
ICAO	International Civil Aviation Organisation
ICCI	In-combination Climate Impacts
ICB	Integrated Care Board

Abbreviation / Acronym	Title / Description
ICE	Institute of Civil Engineers
ICOLD	International Commission on Large Dams
ICM	Integrated Catchment Model
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICW	Integrated Constructed Wetland
IEMA	Institute of Environmental Management and Assessment (recently rebranded as the Institute of Sustainability and Environmental Professionals (ISEP))
IMD	Index of Multiple Deprivation
INNS	Invasive non-native species
IP	Infrastructure Provider
ISEP	Institute of Sustainability and Environmental Professionals
ISO	International Organisation for Standardisation
IUCN	International Union of Nature Conservation
JLP	Joint Local Plan
JNCC	Joint Nature Conservation Committee
JSNA	Joint Strategic Needs Assessment
LAD	Local Authority Districts
LAQM	Local Air Quality Management
LCA	Landscape Character Area
LCRM	Land Contamination Risk Management
LDV	Light Duty Vehicle
LDP	Long Distance Path
LEMP	Landscape and Ecological Management Plan
LGBTQ+	Lesbian, Gay, Bisexual, Trans, Queer+
LGS	Local Geological Site
LGV	Light Goods Vehicle
LI	Landscape Institute
LiDAR	Light Detection and Ranging
LISSV	Land Information System Soilscales viewer

Abbreviation / Acronym	Title / Description
LLD	Local Landscape Designation
LLFA	Local Lead Flood Authorities
LNR	Local Nature Reserve
LNRS	Local Nature Recovery Strategy
LOAEL	Lowest Observed Adverse Effect Level
LoD	Limits of Deviation
LPA	Local Planning Authority
LRF	Local Resilience Forum
LSE	Likely Significant Effect
LSIP	Local Skills Improvement Plan
LSOA	Lower layer Super Output Area
LTCP	Local Transport and Connectivity Plan
LTN	Local Transport Note
LUC	Land Use Consultants
LVIA	Landscape and visual impact assessment
LWS	Local Wildlife Site
MAFF	Ministry of Agriculture, Fisheries and Food
MAGIC	Multi-Agency Geographic Information for the Countryside
MDA	Marine Dredged Aggregate
MEICA	Mechanical, electrical, instrumentation, control and automation
MEP	Mechanical, Electrical, and Plumbing
MHCLG	Ministry of Housing, Communities & Local Government
MHSWR	Management of Health and Safety at Work Regulations
MMHS/P	Materials Management and Handling Strategy/Plan
MMP	Materials Management Plan
MoD	Ministry of Defence
MoRPh	Modular River Physical Survey
MOT	Ministry of Transport
MRN	Major (Strategic) Road Network

Abbreviation / Acronym	Title / Description
MSOA	Middle Super Output Area
MW	MegaWatt
N ₂ O	Nitrous oxide
NAP	National Adaptation Programme
NBW	Nighttime Bat Walkovers
NC	Natural Capital
NCA	National Character Area
NCN	National Cycle Network
NE	Natural England
NEET	Not in Employment, Education or Training
NERC	Natural Environment Research Council
NERC	Natural Environment and Rural Communities Act
NG	National Grid
NGE	National Grid Electricity
NHBC	National House-Building Council
NIA	Noise Important Areas
NIT	National (Action Planning) Infrastructure Team
NL	National Landscape
NMU	Non-Motorised User
NNG	Night Noise Guidelines
NNR	National Nature Reserve
NO ₂	Nitrogen dioxide
NOEL	No Observed Effect Level
NPPF	National Planning Policy Framework
NPPG	National Planning Practice Guidance
NPPW	National Planning Policy for Waste
NPS	National Policy Statement
NPSE	Noise Policy Statement for England
NPSWRI	National Policy Statement for Water Resources Infrastructure

Abbreviation / Acronym	Title / Description
NRFA	National River Flow Archive
NRMM	Non-Road Mobile Machinery
NRR	National Risk Register
NSIP	Nationally Significant Infrastructure Project
NSN	National Site Network
NTEM	National Trip End Model
NTS	Non-Technical Summary
NVC	National Vegetation Classification
NVMP	Noise and Vibration Management Plan
NWDNL	North Wessex Downs National Landscape
OC	Oxfordshire County
OCC	Oxfordshire County Council
OBG	Oxfordshire Badger Group
Ofwat	Office for Water Services
OHER	Oxfordshire Historic Environment Record
OHID	Office for Health Improvements and Disparities
OIEP	Oxfordshire Inclusive Economic Partnership
OLE	Overhead Line Electrification
ONS	Office for National Statistics
OS	Ordnance Survey
OSWMP	Outline Site Waste Management Plan
OWSI	Overarching Written Scheme of Investigation
PAB	Priority Areas for Biodiversity
PAH	Polycyclic aromatic Aromatic hydrocarbons Hydrocarbons
PCG	Protected Characteristic Groups
PEI	Preliminary Environmental Information
PEI Report	Preliminary Environmental Information Report
PFAS	Per- and Polyfluoroalkyl Substances
PFOS	Perfluorooctane sulphonate

Abbreviation / Acronym	Title / Description
PH	Public Health
PICP	Pollution Incident Control Plan
PINS	Planning Inspectorate
PM	Particulate Matter
PoM	Programme of Measures
POSP	Public Open Space Park
PPC	Pollution Prevention Control
PPE	Personal Protective Equipment
PRA	Preliminary Risk Assessment
PRA	Preliminary Roost Assessment
PRM	Persons with Reduced Mobility
ProPG	Professional Practice Guidance
PRoW	Public Rights of Way
PPG	Planning Practice Guidance
PPV	Peak Particle Velocity
PSED	Public-Sector Equality Duty
PSYM	Predictive System for Multimetrics
PTAR	Preliminary Transport Assessment Report
PV	Photovoltaic
Pywr	Python Water Resource (software)
QP	Qualified Person
RAF	Royal Air Force
RAPID	Regulators Alliance for Progressing Infrastructure Development
RAVEN	Recognition of Ancient Veteran and Notable trees methodology
RBD	River Basin District
RBMP	River Basin Management Plan
RCP	Representative Concentration Pathways
REPIR	Radiation Emergency Preparedness and Public Information Regulations
RFC	Ratio of Flow to Capacity

Abbreviation / Acronym	Title / Description
RIBA	Royal Institute of British Architects
RICS	Royal Institute of Chartered Surveyors
RNAG	Reasons for Not Achieving Good
ROMP	Review of Mineral Permission
ROTL	Release on temporary licence
RP	Return Period
RPA	Root Protection Area
RPG	Registered Parks and Gardens
RSMH	Rail siding and materials handling
RSMP	Reservoir Safety Management Plan
RTD	River Terrace Deposits
RVAA	Residential Visual Amenity Assessment
RYA	Royal Yachting Association
SAC	Special Area of Conservation
SANG	Suitable Alternative Green Space
SCE	Safety Critical Elements
SCL	Sprayed Concrete Lining
SCPC	Sutton Courtenay Parish Council
SCS	Species Conservation Strategies
SEA	Strategic Environmental Assessment
SEEAWP	South-East England Aggregate Working Party
SEMD	Security and Emergency Measures Directions
SEND	Special Educational Needs and Disabilities
SESRO	South East Strategic Reservoir Option
SFRA	Strategic Flood Risk Assessment
SGP	Standard Good Practice
SHMA	Strategic Housing Market Assessment
SIMCAT	Simulations of Catchment model (EA)
SMC	Scheduled Monument Consent

Abbreviation / Acronym	Title / Description
SME	Small and Medium-sized Enterprise
SO \ SOx	South Oxfordshire
SOAEL	Significant Observed Adverse Effect Level
SODC	South Oxfordshire District Council
SoS	Secretary of State
SOVWHDC	South Oxfordshire and Vale of White Horse District Councils
SPA	Special Protection Area
SPI	Species of Principal Importance
SPR	Source Pathway Receptor
SPZ	Source Protection Zone
SRN	Strategic Road Network
SRO	Strategic Resource Option
SRS	Soil Resource Strategy
SSE	Scottish and Southern Energy
SSEN	Scottish and Southern Electricity Networks
SSSI	Site of Special Scientific Interest
STT	Severn Thames Transfer
STW	Sewage Treatment Works
SUDS	Sustainable Drainage Systems
SVOC	Semi-Volatile Organic Compounds
SWMP	Site Waste Management Plan
SWOX	Swindon and Oxfordshire
T2AT	Thames to Affinity Transfer
T2ST	Thames Water to Southern Transfer
TAG	Transport Analysis Guidance
TBM	Tunnel Boring Machine
TGN	Technical Guidance Note
TLG	Technical Liaison Group
TOC	Total Organic Carbon

Abbreviation / Acronym	Title / Description
TPH	Total Petroleum Hydrocarbons
TPO	Tree Preservation Orders
TRL	Transport Research Laboratory
TRICS	Trip Rate Information Computer System
TRRL	Transport and Roads Research Laboratory
TTAD	Talking Therapies for Anxiety and Depression
TVERC	Thames Valley Environmental Records Centre
UCL	University College London
UK	United Kingdom
UKCP	UK Climate Projections
UKFS	UK Forestry Standard
UKHab	UK Habitat Classification
UKHSA	UK Health Security Agency
UKTAG	UK Technical Advisory Group
UKWAS	UK Woodland Assurance Standard
UKWIR	UK Water Industry Research
UNESCO	United Nations Educational, Scientific and Cultural Organisation
USACE	US Army Corp of Engineers
USBR	United States Bureau of Reclamation
UXO	Unexploded Ordnance
VDV	Vibration Dose Value
VOC	Volatile Organic Compounds
VoWH	Vale of White Horse
VoWHDC	Vale of White Horse District Council
VoWH-LCA	Vale of White Horse District Landscape Character Assessment
WAC	Waste Acceptance Criteria
WBGT	Wet Bulb Globe Temperature
WC	Wetness Class
WCH	Walkers, cyclists, and horse-riders

Abbreviation / Acronym	Title / Description
WDP	Workforce Development Partnership
WER	The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017
WFD	Water Framework Directive
WHO	World Health Organisation
WINEP	Water Industry National Environment Programme
WISER	Water Industry Strategic Environmental Requirements
WRMP	Water Resource Management Plan
WRPG	Water Resources Planning Guideline
WRSE	Water Resources South East
WRZ	Water Resource Zone
WSI	Written Schemes of Investigation
WTW	Water treatment works
Zol	Zone of Influence
ZTV	Zone of Theoretical Visibility



It's everyone's water