

A417 Missing Link

Preliminary Environmental Information Report

Chapter 17 Abbreviations

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Table of Contents

	Pages
17 Abbreviations	1
Table of Tables	
Table 17-1 Table of abbreviations	1

17 Abbreviations

Table 17-1 Table of abbreviations

Abbreviation	In Full
AADT	Annual Average Daily Traffic
ADS	Advanced Direction Signs
AGLV	Area of Great Landscape Value
AIA	Agricultural Impact Assessment
ALC	Agricultural Land Classification
AMAA	Ancient Monuments and Archaeological Areas Act
AMS	Arboriculturally Method Statement
AMS	Archaeological Mitigation Strategy
ANPR	Automatic Number Plate Recognition
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
AQAPs	Air Quality Action Plans
AQMA	Air Quality Management Areas
AQO	Air Quality Objective
AQS	Air Quality Strategy
AR5	Fifth Assessment Report
ARN	Affected Road Network
ARP	Adaption Reporting Power
ARS	Active Roost Sites
AST	Appraisal Summary Table
BAP	Biodiversity Action Plan
BGS	British Geological Society
BMV	Best Most Versatile Agricultural Land
BNL	Basic Noise Level
BOAT	Byway Open to All Traffic
BOMP	Barn Owl Monitoring Programme
BPM	Best Practicable Means
BRES	Business Register and Employment Survey
BTO	British Trust for Ornithology
C&D	Construction and Demolition
C&I	Construction & Industrial
CA	Character Areas
CA	Conservation Area
CAMS	Catchment Abstraction Management Strategy
CAZ	Clean Air Zone
CBC	Cheltenham Borough Council
CBC	Common Bird Census
CCB	Cotswold Conservation Board
CCI	Community Conservation Index

Abbreviation	In Full
CCR	Climate Change Resilience
CCRA	Climate Change Risk Assessment
CCTV	Closed Circuit Television
CDC	Cotswold District Council
CDE	Construction, Demolitions and Excavation
CDE	Construction, Demolition and Excavation (Waste)
CDM	Construction Design and Management
CDW	Construction and Demolition Waste
CEA	Cumulative Effects Assessment
CEMP	Construction Environmental Management Plan
CEnv	Chartered Environmentalist
CERC	Cambridge Environmental Research Consultants
Ch(#)	Chainage
CH ₄	Methane
CIEEM	Chartered Institute of Ecology and Environmental Management
CIRIA	Construction Industry Research and Information Association
CL:AIRE	Contaminated Land: Applications in Real Environments
CNA	Community Neighbourhood Area
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
COP21	21st Conference of The Parties
COSHH	Control of Substances Hazardous to Health Regulations
CPRE	Campaign to Protect Rural England
CRoW	Countryside and Rights of Way
CRTN	Calculation of Road Traffic Noise
CS	Conservation Score
CSM	Common Standards Monitoring
CTMP	Construction Traffic Management Plan
CWS	County Wildlife Sites
D2AP	Two Lane All-Purpose Dual Carriageway
DAS	Discretionary Advice Survey
dB	Decibel
DCO	Development Consent Order
DDA	Disability Discrimination Act
dDCO	draft Development Consent Order
DECC	Department of Energy and Climate Change
Defra	Department for Environment, Food and Rural Affairs
DfT	Department for Transport
DM	Do-Minimum
DMRB	Design Manual for Roads and Bridges
DPD	Development Plan Document
DQRA	Detailed Quantitative Risk Assessment

Abbreviation	In Full
DS	Do-Something
DTM	Digital Terrain Map
DWI	Drinking Water Inspectorate
EA	Environment Agency
EAST	Early Assessment and Sifting Tool
EC	European Commission
ECoW	Ecological Clerk of Works
eDNA	Environmental DNA
EE	Environmental Elements
EEA	European Economic Area
EF	Environmental Functions
EFA	Education Funding Agency
EIA	Environmental Impact Assessment
ELC	European Landscape Convention
EMF	Electric and Magnetic Fields
EMP	Environmental Management Plan
EMS	Environmental Management System
EngD	Doctorate in Environmental Technology
EPA	Environmental Protection Act
EPDs	Environmental Product Declarations
EPS	European Protected Species
EQS	Environmental Quality Standards
ERT	Electrical Resistivity Tomography
ES	Environmental Statement
ESCR	Earth Science Conservation Review
EU	European Union
FCD	Filter Carrier Drain
FEH	Flood Estimation Handbook
FEQS	Freshwater Environmental Quality Standards
FRA	Flood Risk Assessment
FRMP	Flood Risk Management Plan
FSC	Forest Stewardship Council
GAC	Generic Assessment Criteria
GCC	Gloucestershire County Council
GCER	Gloucestershire Centre for Environmental Records
GCN	Great Crested Newts
GCR	Geological Conservation Review
GDD	Groundwater Daughter Directive
GHER	Gloucestershire Historic Environment Record
GHG	Greenhouse Gas
GI	Ground Investigation
GIR	Ground Investigation Report

Abbreviation	In Full
GIS	Geographical Information Systems
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GPA	Good Practice Advice
GPP	Guidance for Pollution Prevention
GPS	Global Positioning System
GQRA	Generic Quantitative Risk Assessment
GWDD	Groundwater Daughter Directive
GWDTE	Groundwater Dependent Terrestrial Ecosystem
GWT	Gloucestershire Wildlife Trust
HABAP	Highways Agency Biodiversity Action Plan
HAD	Health Development Agency
HADDMS	Highways Agency Drainage Management System
HAGDMS	Highways Agency Geotechnical Data Management System
HCD	Highway Construction Detail
HDV	Heavy Duty Vehicle
HE	Highways England
HEGS	Hedgerow Evaluation and Grading Systems
HEMP	Handover Environmental Management Plan
HER	Historic Environment Records
HEWRAT	Highways England Water Risk Assessment Tool
HFCs	Hydrofluorocarbons
HGV	Heavy Goods Vehicle
HLCA	Historic Landscape Character Areas
HMC	Habitat Modification Class
HMRC	HM Revenue and Customs
HMS	Habitat Modification Score
HPIs	Habitats of Principal Importance
HQA	Habitat Quality Assessment
HRA	Habitats Regulations Assessment
HSA	High Specification Aggregates
IAN	Interim Advice Note
IAQM	Institute of Air Quality Management
ICCI	In-Combination Climate Change Impact
ICD	Inscribed Circle Diameter
IEEM	Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management and Assessment
INNS	Invasive Non-Native Species
IP	Inter-Peak
IPCC	Intergovernmental Panel on Climate Change
ISIS	Invertebrate Species-Habitat Information System
IUCN	International Union for Nature Convention
JCS	Joint Core Strategy

Abbreviation	In Full
JNCC	Joint Nature Conservation Committee
K&G	Kerb and Gully
KPI	Key Performance Indicator
KWS	Key Wildlife Sites
LAQM	Local Air Quality Management
LB	Listed Building
LBCA	Listed Building and Conservation Areas
LCA	Landscape Character Area
LCLIP	Local Climate Impacts Profile
LCT	Landscape Character Types
LDS	Local Direction Sign
LDV	Light Duty Vehicles
LE	Landscape Elements
LEMP	Landscape and Ecology Management Plan
LFRMS	Local Flood Risk Management Strategy
LIGS	Locally Important Geological and Geomorphological Sites
LLFA	Lead Local Flood Authority
LLFA	Local Lead Flood Authority
LMVR	Local Model Validation Report
LNR	Local Nature Reserves
LOAEL	Lowest Observed Adverse Effect Levels
LOD	Limit of Detection
LOD	Limit of Deviation
LSA	Likely Significant Effects
LSOA	Lower Super Output Areas
LV	Limit Values
L VIA	Landscape and Visual Assessment
LWS	Local Wildlife Sites
MAGIC	Multi-Agency Geographic Information for the Countryside
MCA	Mineral Consultation Area
MCHW	Manual of Contract Documents for Highways Works
MMP	Materials Management Plan
mOD	Metres Above Ordinance Datum
MPI	Major Project Instruction
MRA	Mineral Resource Area
MRV	Minimum Reporting Values
MSA	Minerals Safeguarding Area
M SOA	Mid-Level Super Output Areas
MSW	Municipal Solid Waste
N ₂ O	Nitrous Oxide
NAP	National Adaption Programme
NAQS	National Air Quality Strategy

Abbreviation	In Full
NCA	National Character Area
NCN	National Cycle Network
NE	Natural England
NERC	Natural Environment and Rural Communities
NEWP	Natural Environment White Paper
NH ₃	Ammonia
NHLE	National Heritage List for England
NIA	Noise Important Areas
NICE	National Institute for Health and Care Excellence
NIR	Noise Insulation Regulations
NMU	Non-Motorised User
NNNPS	National Networks National Policy Statement
NNR	National Nature Reserves
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NPPF	National Planning Policy Framework (2019)
NPSE	Noise Policy Statement for England
NPSNN	National Policy Statement for National Networks
NRSWA	New Roads and Street Works Act
NSIP	Nationally Significant Infrastructure Project
NT	National Trust
NVC	National Vegetation Classification (Survey)
OBS	Observed Breeding Sites
ONS	Office for National Statistics
OP	Off-Peak
ORPA	Other Route with Public Access
OS	Ordinance Survey
OUV	Outstanding Universal Value
PAH	Polycyclic Aromatic
PAS	Portable Antiques Scheme
PAS	Publicly Available Specification
PCF	Project Control Framework
PCM	Pollution Climate Mapping
PEFC	Programme for The Endorsement of Forest Certification
PEI Report	Preliminary Environmental Information Report
PFCs	Perfluorocarbons
PHE	Public Health England
PIAs	Personal Injury Accidents
PICS	Personal Injury Collisions
PINS	Planning Inspectorate
PM	Particulate Matter

Abbreviation	In Full
PM ₁₀	Particulate Matter 10 micrometres or less in diameter
PM _{2.5}	Particulate Matter 2.5 micrometres or less in diameter
PMA	Private Means of Access
PNS	Potential Nest Site
POPE	Post Opening Project Evaluation
PPE	Personal Protective Equipment
PPG	National Planning Practice Guidance
PPGs	Pollution Prevention Guidelines
PPS	Planning Policy Statement
PPV	Peak Particle Velocity
PRA	Preliminary Risk Assessment
PRF	Potential Roosting Feature
PRoW	Public Rights of Way
PSSR	Preliminary Sources Study Report
PSTBP	Pre-Submission Version Tewkesbury Borough Plan
RBD	River Basin Districts
RBMPs	River Basin Management Plans
RCP8.5	Representative Concentration Pathways 8.5
RDB	Red Data Book
RDWE	Road Drainage and Water Environment
REAC	Register of Environmental Actions and Commitments
RHS	River Habitat Survey
RICS	Royal Institute of Chartered Surveyors
RICT	River Invertebrate Classification Tool
RIGS	Regionally Important Geological and Geomorphological Sites
RIS	Road Investment Strategy
RPG	Registered Parks and Gardens
RSPB	Royal Society for the Protection of Birds
RTC	Road Traffic Collision
SA	Sustainability Appraisal
SAC	Special Area of Conservation
SAT	Specific Assemblage Types
SEA	Strategic Environmental Statement
SEB	Statutory Environmental Bodies
SF ₆	Sulphur hexafluoride
SGARG	South Gloucester Amphibian and Reptile Group
SIAA	Statement to Inform an Appropriate Assessment
SIC	Standard Industrial Classification of Economic Activities
SINC	Site of Importance for Nature Conservation
SM	Scheduled Monument
SMC	Scheduled Monument Consent
SNRHW	Stable Non-Reactive Hazardous Wastes

Abbreviation	In Full
SO ₂	Sulphur Dioxide
SOAEL	Significant Observed Adverse Effect Levels
SoCG	Statement of Common Ground
SoS	Secretary of State
SPA	Special Protection Area
SPIs	Species of Principal Importance
SPZ	Source Protection Zone
SRN	Strategic Road Network
SSSI	Site of Special Scientific Interest
SU	Statutory Undertaker
SuDs	Sustainable Drainage Systems
SWC	Surface Water Channel
SWMP	Site Waste Management Plan
SWRA	South Western Regional Assembly
TAG	Transport Analysis Guidance
tCO ₂ e	Tonnes of Carbon Dioxide Equivalent
TDCR	Traffic Data Collection Report
TFR	Traffic Forecasting Report
TGN	Technical Guidance Note
The act	The Planning Act 2008
TMP	Traffic Management Plan
TPH	Total Petroleum Hydrocarbons
TPO	Tree Preservation Order
TRA	Traffic Reliability Area
TRS	Temporary Roost Site
TRS	Temporary Rest Site
TWAO	Transport and Works Act Order
TWG	Technical Working Group
UAEL	Unacceptable Adverse Effect Levels
UKCP09	United Kingdom Climate Projections 2009
UKCP18	United Kingdom Climate Projections 2018
UKDWS	UK Drinking Water Standards
UNECE	United Nations Economic Commission for Europe
UWWT	Urban Waste Water Treatment
UXO	Unexploded Ordnance
VDV	Vibration Dose Value
VMS	Vehicle Message Sign
VP	View Point
VRS	Vehicular Restraint System
WCA	Wildlife and Countryside Act
WCC	White-clawed Crayfish
WCH	Walkers Cyclists and Horse Riders

Abbreviation	In Full
WDI	Waste Data Interrogator
WFD	Water Framework Directive 2000/60/Ec
WG	Weather Generator
WHPT	Walley Hawkes Paisley Trigg
WHPT ASPT	Whalley Hawkes Paisley Trigg Average Score Per Taxon
WHPT NTAXA	Whalley Hawkes Paisley Trigg Number of taxa
WHO	World Health Organisation
WHS	World Heritage Site
WMF	Whitby Mudstone Formation
WPD	Western Power Distribution
WRA	Water Resources Act 1991
WRAP	Waste and Resources Action Plan
WSI	Written Scheme of Investigation
ZOI	Zone of Influence
ZTV	Zone of Theoretical Visibility
ZVI	Zone of Visual Influence