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GLOSSARY OF TERMS

Air Quality Management Area (AQMA)	An area identified by a Local Authority as being under the threat of exceeding stated air quality standards.
Ambient	Background levels.
Above Ordnance Datum (AOD)	Ordnance Datum is the mean sea level as defined for Ordnance Survey.
Aquifer	A below ground, water-bearing layer of soil or rock.
Archaeology	The scientific study of ancient or historic physical remains of human activity, both above and below ground.
Balancing Pond	A pond designed to attenuate flows by storing runoff during the peak flow and releasing it at a controlled rate during and after the peak flow has passed. The pond always contains water. Also known as wet detention pond.
Baseline	Existing environmental conditions present on, or near a site, against which future changes may be measured or predicted.
Biodiversity	A term used to describe all aspects of biological diversity.
Brownfield site	Sites that comprise previously developed land.
Character Area	A unique geographical area with a consistent character and identity, which forms part of the landscape character.
Conservation Area	An area designated under the Planning (Listed Buildings and Conservation Areas) Act 1990 as being of special architectural or historic interest the character or appearance of which it is desirable to preserve or enhance.
Conceptual Model	Textual and/or schematic hypothesis of the nature and sources of contamination, potential migration pathways and potential receptors.
Contamination	Presence of a substance which is in, on or under land, and which has the potential to cause significant harm or to cause significant pollution.
Controlled Waters	Inland freshwater (any lake, pond or watercourse above the freshwater limit), water contained in underground strata and any coastal water between the limit of the highest tide or the freshwater line to the three mile limit of territorial waters.
Cumulative Impacts	Impacts that result from incremental changes caused by other past, present or reasonably foreseeable actions.
Deposit	A subsurface accumulation of material
Directive	European Commission (EC) Directives impose legal obligations on European Member States. They are binding as to the results to be achieved, but allow individual states the right to decide the form and methods used to achieve the results. An example of this is the EC Air Quality Framework Directive 96/62 that is brought into legal effect in the UK by the Air Quality (England) Regulations (2000).
dB(A)	The unit of noise measurement (measured on a logarithmic scale), which expresses the loudness in terms of decibel (dB) scale and the frequency factor (A).
Dust	Fine particles of solid materials ranging in size from 1 to 75 um diameter (see British Standard 3405) capable of being re-suspended in air and settling only slowly under the influence of gravity where it may cause nuisance.
Ecology	The study of living organisms in relation to their surroundings.
Environmental Impact Assessment (EIA)	A technique for ensuring that the likely effects of new development on the environment are fully understood and taken into account before the development is allowed to go ahead. It provides a focus for public scrutiny of the project and enables the importance of the predicted effects, and the scope for modifying or mitigating them, to be properly evaluated by the decision-making authority.

EIA Development	Development that falls under the Schedule 1 or 2 of the Town and Country Planning (EIA) 1999 as requiring an EIA
Emission	A material that is expelled or released to the environment. Usually applied to gaseous or odorous discharges to the atmosphere.
Environmental Impact	The total effect of any operation on the surrounding environment.
Fauna	Animal life.
Footprint	Perimeter of building's ground floor plan.
Groundwater	Water associated with soil or rocks below the ground surface but is usually taken to mean water in the saturated zone.
Gross	The sum total, without deduction.
Habitat	The living place of an organism characterised by its physical or biotic properties.
Harm	Adverse effect on the health of living organisms, or other interference with ecological systems of which they form part, and in the case of humans, including property.
Impacts	Changes to the environment that are attributable to the proposed Development.
In situ	In the natural, original or appropriate position.
Interceptors	Used to intercept rainwater or spillages contaminated with oil and to retain the liquid for subsequent separation.
Intrusive investigation	An in-depth investigation involving further sampling and analysis, such as the gathering of samples from the ground, walls, ceilings for the detection of contamination, asbestos and or archaeological remains.
Invertebrate	An animal that does not possess a backbone.
LA ₉₀	The A weighted noise level exceeded for 90% of the specified measurement period, which following BS4142: 1990 is typically used to define background noise level.
LA _{eq}	The Equivalent Continuous A-weighted Sound Pressure Level. The sound pressure level of a steady sound that, over the same time as the measurement period, contains the same total acoustic energy as the sound field being measured. This takes into account the level and duration of noise events and is considered the indicator of the Ambient Noise Level.
LA _{max}	The single highest noise level recorded during a measurement period.
Landmarks	Prominent features in the landscape.
Landscape Capacity	The degree to which a particular landscape character type or area is able to accommodate change without unacceptable adverse effects on its character. Capacity is likely to vary according to type and the nature of change being proposed.
Landscape Character Type	A landscape type will have broadly similar patterns of geology, landform, soils, vegetation, land use, settlement and field pattern discernible in maps and field survey records.
Landscape Feature	A prominent eye-catching element, for example, wooded hilltop or church spire.
Landscape Sensitivity	The extent to which a landscape can accept change of a particular type and scale without unacceptable adverse effects on its character.
Landscape Value	The relative value or importance attached to a landscape (often as a basis for designation or recognition), which expresses national or local consensus, because of its quality, special qualities including perceptual aspects such as scenic beauty, tranquillity or wildness, cultural associations or other conservation issues.
Listed Building	A building included in a list produced by the Secretary of State for Culture, Media and Sport. It comprises buildings and other structures that are of special architectural or historic interest.

Mitigating factor	A matter to be taken into account as a benefit to offset any perceived or demonstrable harmful impact.
Mitigation (measure)	The measures put forward to prevent, reduce and where possible, offset any adverse effects on the environment.
National Sites and Monuments Records	A computerised record of information for all statutory listed buildings, known archaeological sites and stray finds, parks and gardens of special historic interest.
Noise Exposure Category (NEC)	Noise Exposure Categories are specified to give guidance on the determination of the suitability of sites for new residential development
Non-Technical Summary (NTS)	A summary of the Environmental Statement in non-technical language providing a concise, yet comprehensive summary of the likely effects of the project on the environment.
Particulate matter	Discrete particles in ambient air, sizes ranging between nanometres (nm, billionths of a metre) to tens of micrometres (µm, millionths of a metre).
Permeability	The extent to which an environment allows a variety of access routes through it. A permeable environment is one where there is ease of movement and where people have a choice in the routes they may use.
Phase 1 habitat survey	Broad scale and rapid technique for identifying and mapping habitats according to standard definitions and based on vegetation.
Pile	A timber, steel or concrete post that is driven, jacked or cast (bored) into the ground to carry vertical or horizontal loads.
Planning Policy Guidance (PPG)	National Planning Policy Guidance notes set out the Government's policies on different aspects of planning. Local planning authorities must take their content into account in preparing their development plans and the guidance may also be material to decisions on individual planning applications and appeals.
Planning Policy Statement (PPS)	Planning Policy Statements are being produced by the Government, and will eventually replace PPGs.
(Sensitive) Receptor	A component of the natural, created or built environment such as human being, water, air, a building, or a plant that is affected by an impact.
Residual impacts	Those impacts of the development that cannot be mitigated following implementation of mitigation proposals.
Risk	Probability of the occurrence, magnitude and consequences of an unwanted adverse effect on a receptor.
Risk assessment	An assessment of the likelihood and severity of an occurrence.
Schedule 2 (development)	Development project types under EIA regulations where EIA is not mandatory in all cases but may be required, depending on the size, nature and scale of the development and the potential for significant environmental effects to arise.
Scheduled Ancient Monument	An archaeological monument that is included in the Schedule required to be maintained by the Secretary of State under Section 1 of the Ancient Monuments and Archaeological Areas Act 1979. Such monuments are protected by law.
Scoping	An initial stage in determining the nature and potential scale of environmental impacts arising as a result of a development, and an assessment of what further studies are required to establish their significance.
Scoping Study	Preliminary study investigated the potential environmental impacts that could arise from the development, used to identify issues for further investigation in the EIA.
Setting	The context in which a building or area can be appreciated.
Statutory Consultees	Groups or bodies that, by law, must be consulted as part of the planning application process for certain types of development.
SuDS	Management practices and control structures designed to drain surface water in a more sustainable fashion than some conventional techniques.

Sustainable Development	Development that meets the needs of the present generation without compromising the ability of future generations to meet their own needs.
Zone of Visual Influence	Area within which a proposed development may have an influence or effect on visual amenity.

ABBREVIATIONS

AAWT	Annual Average Weekday Traffic
ADDT	Annual Average Daily Traffic
AMR	Annual Monitoring Reports
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
APEC	Air Pollution Exposure Criteria
AQMA	Air Quality Management Area
AQS	Air Quality Strategy
BAP	Biodiversity Action Plan
BAS	Biodiversity Alert Sites
BGL	Below ground level
BGS	British Geological Survey
BNL	Basic Noise Level
BPEO	Best Practicable Environmental Option
BPM	Best Practice Means
BRE	Building Research Establishment
BUATMS	Burton Urban Area Transport Management Strategy
BS	British Standard
BSBI	Botanical Society of the British Isles
C ₄ H ₆	1,3-butadiene
C ₆ H ₆	Benzene
CA	Character Area
CCGT	Combined Cycle Gas Turbine
CEMP	Construction Environmental Management Plan
CIRIA	Construction Industry Research and Information Association
CFA	Continuous Flight Auger
CO	Carbon Monoxide
CRoW	Countryside and Rights of Way
CRTN	Calculation of Road Traffic Noise
CSH	Code for Sustainable Homes
CWS	County Wildlife Site
dB	Decibels (SI unit of noise)
DCC	Derbyshire County Council
DCLG	Department for Communities and Local Government
DCRO	Derbyshire County Record Office
DCSF	Department for Children Schools and Families
DEFRA	Department for Environment, Food and Rural Affairs
DETR	Department of the Environment, Transport and Regions
DMP	Drainage Management Plan
DMRB	Design Manual for Roads and Bridges developed for the Department of Transport
DoE	Department of the Environment
DPD	Development Plan Documents
DSMR	Derbyshire Site and Monument Record
DTA	David Tucker Associates
DTI	Department of Trade and Industry
DTLR	Department of Transport, Local Government and Regions
EcMP	Ecological Management Plan
EH	English Heritage
EIA	Environmental Impact Assessment
EMDA	East Midlands Development Agency

EPA	Environmental Protection Act
ES	Environmental Statement
ESBC	East Staffordshire Borough Council
EU	European Union
EYCS	Early Years and Childcare Service
FRA	Flood Risk Assessment
FTE	Full Time Equivalent
GEA	Gross External Area
GQA	General Quality Assessment
HA	Hectare
HAP	Habitat Action Plan
HGV	Heavy Goods Vehicle
HMA	Housing Market Area
IEA	Institute of Environmental Assessment
IEEM	Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management and Assessment - formerly the IEA (Institute of Environmental Assessment)
IOA	Institute of Acoustics
km	Kilometre
kph	Kilometres per hour
LA	Local Authority
LAQM	Local Air Quality Management
LBAP	Local Biodiversity Action Plan
LDD	Local Development Documents
LDF	Local Development Framework
LEAP	Local Equipped Areas of Play
LGV	Light Goods Vehicle
LI	Landscape Institute
LNR	Local Nature Reserve
LPA	Local Planning Authority
m	Metre
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
mg/m^3	Milligrams per cubic metre
MAGIC	Multi Agency Geographic Information for the Countryside
NATA	New Approach to Appraisal
NE	Natural England
NEAP	Neighbourhood Equipped Areas of Play
NEC	Noise Exposure Category
NERC	Natural Environment and Rural Communities
NMR	National Monuments Record
NNR	National Nature Reserve
NO _x	Nitrogen Oxides
NO ₂	Nitrogen Dioxide
NSCA	National Society for Clean Air
NSR	Noise Sensitive Receptors
NTS	Non-technical Summary
ODPM	Office of the Deputy Prime Minister
ONS	Office for National Statistics
OS	Ordnance Survey
PCT	Primary Care Trust
PFA	Pulverised Fuel Ash
PLASC	Pupil Level Annual School Census
PM ₁₀	Particulate Matter with a mean aerodynamic diameter of 2.5/10 μm
ppb	parts per billion
ppm	Parts per million

PPG	Planning Policy Guidance (note)
PPS	Planning Policy Statement
PPV	Peak Particle Velocity
PROW	Public Rights of Way
PUA	Principal Urban Areas
RBL	Roger Bullivant Ltd
RSS	Regional Spatial Strategy
RTS	Regional Transport Strategy
SAC	Site Assessment Criteria
SAC's	Special Area of Conservation
SBI	Site of Biological Interest
SPA	Species Action Plan
SCC	Staffordshire County Council
SDDC	South Derbyshire District Council
SGV	Soil Guideline Values
SHER	Staffordshire Historic Environmental Record
SHMA	Strategic Housing Market Area
SINC	Site of Interest for Nature Conservation
SLNCI	Sites of Local Nature Conservation Importance
SNH	Scottish National Heritage
SOPI	Species of Principal Importance
SPA	Special Protection Areas
SSSI	Sites of Special Scientific Interest
STW	Severn Trent Water
SUDS	Sustainable Urban Drainage Systems
SWMP	Site Waste Management Plan
TA	Transport Assessment
TPO	Tree Preservation Order
TPAU	Trent and Peak Archaeology Unit
UDP	Unitary Development Plan
UK	United Kingdom
UKBAP	United Kingdom Biodiversity Action Plan
USA	Updating and Screening Assessment
VDV	Vibration Dose Value
VE	Visual Envelope
VP	View Points
WAC	Waste Acceptance Criteria
WCA	Wildlife and Countryside Act
WCPM	Waterman CPM
WHO	World Health Organisation
WIA	Water Industry Act
WMRSS	West Midlands Regional Spatial Strategy
WRA	Water Resources Act
ZOI	Zone of Influence
ZVI	Zone of Visual Influence