

Forest Farm, Chippenham
Environmental Statement

Glossary



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AADT	24-hour annual average daily traffic flows
AAWT	18-hour annual average weekday traffic flows
ADMS-Roads	Modelling software that calculates emissions to air from road traffic
AOD	Above Ordnance Datum – height above sea level
AQAL	Air quality assessment level, which may be an air quality objective, EU limit / target value or an Environment Agency ‘environmental assessment level’
AQMA	Air Quality Management Area – a designated zone where specific air quality management proposals (defined in an air quality action plan) are proposed by a local authority to improve air quality and ensure that air quality objectives are met
BAP	Biodiversity action plan – a plan developed by local authorities that identifies priority habitats and species for conservation and includes targets and mechanisms for achieving them
Borehole	A hole drilled in the ground to investigate underlying layers
CEcoMP	Construction ecological management plan
CEMP	Construction environmental management plan
CIEEM	Chartered Institute of Ecology and Environmental Management
Conservation area	An area of special architectural or historic interest identified as one where the character and appearance is worthy of preservation
CTMP	Construction traffic management plan
DBA	Archaeological desk-based assessment
Defra	Department for Environment, Food and Rural Affairs
Demography	The composition of human populations
Diffusion tube	A passive device for monitoring air quality and measuring ambient pollutant concentrations
DMRB	Design Manual for Roads and Bridges
ECW	Ecological clerk of works
eDNA testing	Environmental DNA testing – a method for species monitoring in waterbodies
EIA	Environmental impact assessment – a means of drawing together, in a systematic way, an assessment of a project’s likely significant

effects. This helps to ensure that the importance of the predicted effects, and the scope for reducing them, are properly understood by the public and the relevant competent authority before it makes a decision

EPUK	Environmental Protection UK
ES	Environmental statement – a document setting out the developer's own assessment of a project's likely environmental effects, which is prepared and submitted by the developer in conjunction with an application for consent or notice of proposed development
FRA	Flood risk assessment
FTE	Full-time equivalent – a standardised measure of the workload of an employed person that allows for the total workforce to be expressed as the equivalent number of full-time staff (1.0 FTE equates to full-time work of 37.5 hours per week)
Geophysical survey	Ground-based physical sensing technique used for archaeological imaging
Groundwater	Water flowing through, or contained beneath, the ground surface
HER	Historic Environment Record – a record of all known archaeological sites and finds, historic buildings and other aspects of the historic environment within a county
HLC	Historic landscape characterisation – a method of identification and interpretation of the varying historic character within an area that brings understanding of the whole landscape and townscape into historic landscape character types
IAQM	Institute of Air Quality Management
IDP	Infrastructure delivery plan
IEMA	The former Institute of Environmental Management and Assessment (now ISEP)
ISEP	Institute of Sustainability and Environmental Professionals
Junctions 10	A computer program used to model the capacity of roundabouts and priority junctions
Landscape character	The distinct and recognisable pattern of elements that occurs consistently in a particular type of landscape
LAQM	Local Air Quality Management – a system introduced under Part IV of the Environmental Protection Act 1995 that requires local authorities to review and assess air quality within their boundaries
LCA	Landscape character area – a subdivision of the wider LCTs

LCT	Landscape character type – an area with a distinct and relatively homogenous composition and pattern of physical and cultural attributes, including geology, landform, hydrology, land cover and historical land use
LEMP	Landscape and ecological management plan
LINSIG	A traffic modelling tool for testing traffic signal systems
Listed building	A building that has been placed on a statutory list of buildings of special architectural or historic interest, designated under the Town and Country Planning (Listed Buildings and Conservation Areas) Act 1990. There are three grades of listed status for buildings in England and Wales: • Grade I: buildings of exceptional interest • Grade II*: particularly important buildings of more than special interest • Grade II: buildings that are of special interest, warranting every effort to preserve them
LSOA	Lower super output area – a geographical area for the collation of Census data that comprises between 400 and 1,200 households and has a usually resident population of between 1,000 and 3,000 people
LWS	Local wildlife site – an area of local importance for nature conservation
MHCLG	The Ministry of Housing, Communities and Local Government
Mitigation	Any process, activity or entity designed to avoid, reduce or remedy adverse environmental effects likely to be caused by a development project
NCA	National character area – an area of distinct and recognisable landscape character at the national scale
NO ₂	Nitrogen dioxide – a respiratory irritant gas and precursor to processes that produce other pollutants and photochemical smog and contribute to global warming
NPPF	National Planning Policy Framework – sets out the government's planning policies for England and how these are expected to be applied
NPPG	National Planning Practice Guidance
Phase 1 habitat survey	A standardised system for surveying, classifying and mapping wildlife habitats
PM ₁₀	Particulate matter with a diameter of 10 microns or less
PM _{2.5}	Particulate matter with a diameter of 2.5 microns or less, which is becoming of increasing interest in terms of health effects
PROW	Public right of way

QBAR	The mean annual maximum greenfield runoff flow rate
Receptor	A component of the natural or man-made environment, such as water or a building, that is affected by an impact
Registered park and garden	A site listed on Historic England's 'Register of Historic Parks and Gardens of special historic interest in England'
Residual effects	The significant environmental effects remaining after mitigation
SAC	Special area of conservation – an area of international importance for nature conservation
Scoping	The identification of the range of significant issues likely to arise as a result of a proposed development
Severance	The perceived division that can occur within a community when it becomes severed by a major road. It may result from the difficulty in crossing a busy road, or from a physical barrier
SLA	Special landscape area – a non-statutory designated landscape of local significance
SSSI	Site of special scientific interest – an area of national importance for nature conservation with statutory notification
SuDS	Sustainable drainage systems
Swale	A shallow, broad, vegetated channel designed to store and / or convey surface water runoff and remove pollutants
TA	Transport assessment
TEMPro	Trip End Model Presentation Program – a computer program for analysing traffic data
Travel plan	A package of measures designed to encourage safe, healthy and sustainable travel options
TRICS	Trip Rate Information Computer System – a national traffic generation database
UK BAP	UK Biodiversity Action Plan – a national biodiversity action plan produced by the government that identifies priority habitats and species and sets out plans to conserve them
WCA	Wiltshire Council Archaeology Service
WRC	Water Recycling Centre
WSBRC	Wiltshire and Swindon Biological Records Centre

ZPV	Zone of primary visibility – the area where views of the proposed development would normally be at close range and open
ZTV	Zone of theoretical visibility – the area over which the new development would potentially be visible