

## 15. GLOSSARY AND ACRONYMS

Term / Acronym	Description
AADT	Annual Average Daily Traffic
AAWT	Annual Average Weekly Traffic
ADMS	Atmospheric Dispersion Modelling System – used to predict effects / impacts projects will have the atmosphere – Air quality assessment
AEI	Average Exposure Indicator
AHLV	Areas of High Landscape Value – a non statutory landscape designation identified in the Cherwell Local Plan 1996 as Policy C13.
Air Quality Action Plan	Air Quality Action Plan – plan devised to monitor and or improve air quality for a specific area
Air Quality Management Area	Air Quality Management Area – Area designated by the Local Authority that is monitored for its air quality
Annual Average Daily Traffic	The average number of vehicles that pass by a counter during a 24-hour period in a certain year.
Annual Average Weekly Traffic	The average number of vehicles that pass by a counter during a week long period in a certain year.
AOD	Above Ordnance Datum – baseline standard for measuring height usually measured in metres AOD (mAOD)
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Area
Average Exposure Indicator	The three year annual mean concentration of PM <sub>2.5</sub> averaged across all urban background monitoring locations in the UK.
BAP	Biodiversity Action Plan – UK ecological / conservation designation
BCT	Bat Conservation Trust – Body to aid conservation, monitoring and support of bats
BGS	British Geological Society – Organisation that provides expert services and impartial advice in all areas of geoscience
BREEAM	BREEAM (Building Research Establishment Environmental Assessment Methodology) sets the standard for best practice in sustainable building design, construction and operation
BS	British Standard - standards produced by BSI Group
CA	Conservation Area
CAZ	Central Activity Zone (refers to Air Quality)
CCTV	Close Circuit Television – security cameras
CDC	Cherwell District Council
Central Activity Zone	(Air Quality) – a area where planning policy recognizes the importance of strategic finance, specialist retail, tourist and

Term / Acronym	Description
	cultural uses and activities, as well as residential and more local functions.
CI	Cast Iron – referred to within the Water Resources and Flood Risk Assessment (Chapter 9) regarding the potable water network
CDC	Cherwell District Council - Local Authority within which the Application Site is situated.
CEMP	Construction Environmental Management Plan
CIFA	Chartered Institute for Archaeologist
Controlled Waters	Waterbodies within a territorial boundary (inland & coastal)
County Wildlife Site	Non statutory conservation sites for wildlife designated at the county level.
CWS	County Wildlife Site
DAS	Design and Access Statement - Statement that sets out the rationale for the design approach and how the Proposed Development would be accessed for a range of users
dB	(noise quality) Decibel – measurement of sound/volume - It is used to describe the level of many different quantities. For sound pressure levels the reference quantity is 20 uPa. The threshold of normal hearing is in the region of 0 dB and 140 dB is the threshold of pain. A change of 1 dB is only perceptible under controlled conditions.
dB (A), L <sub>Ax</sub>	(noise quality) 1. Decibels measured on a sound level meter incorporating a frequency weighting (A weighting) which differentiates between sounds of different frequency (pitch) in a similar way to the human ear. Measurements in dB(A) broadly agree with people’s assessment of loudness. A change of 3 dB(A) is the minimum perceptible under normal conditions, and a change of 10 dB(A) corresponds roughly to halving or doubling the loudness of a sound. The background noise in a living room may be about 30 dB(A); normal conversation about 60 dB(A) at 1 metre; heavy road traffic about 80 dB(A) at 10 metres; the level near a pneumatic drill about 100 dB(A).
Defra	Department for Environment, Food and Rural Affairs – Government department responsible for policy and regulations on environmental, food, and rural issues
DfT	Department for Transport – Government department responsible for planning and investment of the transport infrastructure
Diffusion Tube	(noise quality) A passive sampler used for monitoring NO <sub>2</sub> concentrations in air.
DMRB	Design Manual for Roads and Bridges - a comprehensive manual system which accommodates all current standards, advice notes and other published documents relating to the design, assessment and operation of trunk roads (including motorways)

## ENVIRONMENTAL STATEMENT

### Glossary and Acronyms

Term / Acronym	Description
EA	Environment Agency – An executive non departmental government body working with responsibilities to protect and improve the environment, including flood risk management
EC	European Commission - European Union's executive body. It represents the interests of the European Union as a whole (not the interests of individual countries).
EFT	Emission Factor Toolkit – Toolkit published by Defra to assist local authorities in carrying out reviews and assessment of local air quality under the Env Act 1995. Users are able to calculate road vehicle pollutant emission rates for Nitrogen Oxides (usually Nitric Oxide), Particulate Matter and hydrocarbons for a specified year, road type, vehicle speed and vehicle fleet composition. CO2 emission rates can also be calculated for petrol and diesel fuelled vehicles.
EIA	Environmental Impact Assessment – process of identifying the likely significance of environmental effects arising from a proposed development.
EiP	Examination in Public
Environmental Impact Assessment	Process for identifying the likely significance of environmental effects (beneficial or adverse) arising from a Proposed Development, by comparing the existing environmental conditions prior to development (the baseline) with the environmental conditions during/following the construction, operational and decommissioning phases of a development should it proceed.
Environmental Statement	Document setting out the findings of an Environmental Impact Assessment
EPS	European Protected Species
ES	Environmental Statement – document reporting on the findings of an EIA.
European Protected Species	Species that are identified by the EU Habitats Directive as the most seriously threatened in Europe, and include bats, great crested newts and otters
Examination in Public	A statutory process, held by an independent planning inspector, appointed by the Secretary of State, to 'test' an emerging Local Plan document to see if it meets the requirements of the relevant legislation and to see if it is 'sound'.
FEP	Farmland Environmental Plan – Plan identifying how the farm may / will diversify to support biodiversity, sustainability, whilst maintaining agricultural productivity
Flood Risk Assessment	An assessment as to the current and future flood risk of an area where development is proposed. A FRA is supporting information for a planning application
FRA	Flood Risk Assessment
Foundation Works Risk Assessment	A report prepared in consultation with the Environment Agency and local council to establish the most appropriate method of foundation assessment which would minimise the

<b>Term / Acronym</b>	<b>Description</b>
	contamination risk to the aquifers from works penetrating through contaminated soils
Full Time Equivalent	The number of total hours worked as a proportion of the average annual hours worked in a like for like full-time job. 1 FTE means a person works full time.
FTE	Full Time Equivalent
FTP	Framework Travel Plan – A plan for how travel will take place to, from, and within a new development. This includes multiple models accounting for different travel requirements.
FWRA	Foundation Works Risk Assessment
GAC	Generic Assessment Criteria
GE	Google Earth
Generic Assessment Criteria	Screening levels used to establish potential risk to identified receptors against various generic end uses
GLVIA3	'Guidelines for Landscape and Visual Impact Assessment. Third Edition' published in April 2013 by the Landscape Institute and the Institute of Environmental Management and Assessment. Guidance providing advice on the process of assessing the landscape and visual effects of developments and their significance.
Gross Value Added	This is a measure of the contribution to the economy made by a Proposed Development
GVA	Gross Value Added
ha	Hectare – unit of measurement 100m x 100m, or 10,000m <sup>2</sup>
Habitat Suitability Index	A scoring system for evaluating habitat quality for specific species
Hardened Aircraft Shelter	A reinforced hangar to house and protect military aircraft from enemy attack
HAS	Hardened Aircraft Shelter
HDV	Heavy Duty Vehicle: a vehicle with a gross vehicle weight greater than 3.5 tonnes. Includes Heavy Goods Vehicles and buses
HGV	Heavy Goods Vehicles – this comprises vehicles gross mass (i.e. including cargo) of 3.5 tonnes or over
HPPE	High Pressure Polyethylene – referred to within the Water Resources and Flood Risk Assessment (Chapter 9) regarding the potable water network
HSI	Habitat Suitability Index
HTA	Horticultural Trade Association - represents the UK garden industry with wide ranging membership
IAQM	Institute of Air Quality Management –professional body for air quality professionals
IEEM	Institute of Ecology and Environmental Management – professional body for ecology and environmental practitioners

<b>Term / Acronym</b>	<b>Description</b>
IEMA	Institute of Environmental Monitoring and Assessment – professional body for EIA and environmental practitioners
JCA	Joint Character Areas
km	Unit of measurement for distance, 1km = 1000m
LA <sub>10,T</sub>	(noise quality) The A weighted noise level exceeded for 10% of the measurement period, T
LA <sub>90,T</sub>	(noise quality) The A weighted noise level exceeded for 90% of the measurement period, T
LA <sub>eq,T</sub>	(noise quality) The equivalent continuous sound level – the sound level of a notionally steady sound having the same energy as a fluctuating sound over a specified measurement period (T). LA <sub>eq,T</sub> is used to describe many noises and can be measured directly with an integrating sound level meter.
Landscape Character Area	Single unique areas which are the discrete geographical areas of a particular landscape type. Each has its own individual character and identity, even though it shares the same generic characteristics with other types.
Landscape Character Type	These are distinct types of landscape that are relatively homogeneous in character. They are generic in nature in that they may occur in different areas in different parts of the country, but wherever they occur they share broadly similar combinations of geology, topography, drainage patterns, vegetation, historical land use, and settlement pattern.
LAQM	Local Air Quality Management – the system by which local authorities review and assess air quality in their districts
LB	Listed Building
LCA	Landscape Character Area
LCT	Landscape Character Type
LDS	Local Development Scheme – Document setting out the programme for a Local Authority to prepare new planning policy documents
LDV	Light Duty Vehicle – any commercial vehicle with a gross weight under 3.5 Tonne (cars and vans)
Local Planning Authority	The Council (County, Borough or District) that is empowered by law to exercise statutory town planning functions for a particular area (administrative boundary) of the UK
Local Transport Plan	A plan that provides the baseline requirements for transport, accessibility and pollution. It sets objectives, provides programming to achieve said objectives and outlines funding requirements from the DfT
Local Wildlife Site	A non statutory designation of local / county importance.
LPA	Local Planning Authority
LRC	Local Records Centre – Where information and documents are kept relating to the administrative area in which it lies
LTP	Local Transport Plan

<b>Term / Acronym</b>	<b>Description</b>
LVIA	Landscape and Visual Impact Assessment – a documented and unbiased assessment of effects projects / developments may have on the identified landscape and visual resource.
LWS	Local Wildlife Site
MAGIC	'Multi Agency Geographic Information for the Countryside' website – Government sponsored website containing environmental data from several public bodies including Natural England, the Environment Agency, English Heritage, Forestry Commission, Marine Management Organisation and the Department for Environment, Food and Rural Affairs
µg	Microgram – one millionth of 1 gram 0.000001g
National Air Quality Objective	Objective as set out in the National Air Quality Strategy and in Air Quality Regulations. Concentration of a pollutant set to protect public health.
National Biodiversity Network	Body set up to oversee and facilitate the collection of biological data and information from across the UK into manageable and accessible databases
National Character Areas	Previously known as Joint Character Areas developed by the then Countryside Agency. These are areas that share similar landscape characteristics. See also LCA.
National Planning Policy Framework	Document setting out the Government's planning policies for England and instruction on how they are expected to be applied
National Planning Practice Guidance	On-line resource to support the implementation of the NPPF
NAQO	National Air Quality Objective
NBN	National Biodiversity Network
NCA	National Character Areas
NERC Act 2006	Natural Environment and Rural Communities Act 2006 - Act of Parliament to make provision concerned with the natural environment and rural communities (e.g. Natural England)
NO <sub>2</sub>	Nitrogen Dioxide (gas)
NO <sub>x</sub>	Nitrogen oxides, generally considered to be nitric oxide and NO <sub>2</sub> . Its main source is from combustion of fossil fuels, including petrol and diesel used in road vehicles
NPPF	National Planning Policy Framework
NPPG	National Planning Practice Guidance
NTS	Non Technical Summary – Summary document in a non-technical language
OCC	Oxfordshire County Council – administrative authority for Oxfordshire County
ONS	The Office of National Statistics – Governmental body responsible for the collation and dissemination of official statistics for the UK
OS	Ordnance Survey – Mapping agency

<b>Term / Acronym</b>	<b>Description</b>
PERA	Preliminary Environmental Risk Assessment
PM <sub>2.5</sub>	Particulate Matter – airborne particles with an aerodynamic diameter smaller than 2.5 micrometres
PM <sub>10</sub>	Particulate Matter – airborne particles with an aerodynamic diameter smaller than 10 micrometres
POL	Petroleum Oil Lubricant System
Potable Water	Drinking water
PPG	Planning Practice Guidance
Preliminary Environmental Risk Assessment	High level screening exercise designed to identify the initial environmental risks by establishing the historic uses of the land or land nearby and any potential sources of contamination and quantifying the risk in relation to potential receptors and contamination pathways.
Priority Habitats	Habitats that are of principal importance for conservation in the UK (arising from the Section 41 list of the Natural Environment and Rural Communities Act 2006)
PRoW	Public Right of Way – footpath, bridleway or byways over which members of the public have a right
RAF	Royal Air Force
RBMP	River Basin Management Plan – Requirement of the Water Framework Directive as a means of achieving the protection, improvement and sustainable use of the water environment, including surface freshwaters (including lakes, streams and rivers), groundwater, ecosystems such as some wetlands that depend on groundwater, estuaries and coastal waters.
Receptor	A location, feature (ground, watercourse) or individual (person, plant, bird, animal etc) upon which the effects of a proposed development is assessed, i.e. the receiving environment
Remediation Statement	A report indicating what remedial works will need to be undertaken on the site to remedy pollution or contamination
RPA	Root Protection Area
RSPB	Royal Society for the Protection of Birds
SAC	Special Area of Conservation
Special Area of Conservation	Sites protected under the European ‘Habitats Directive’
SBS	Southern Bomb Stores – area of the Application Site
SCAS	Southern Conventional Arms Store – alternative name for the Southern Bomb Stores when operational as USAF airbase.
SEEDA	South East England Development Agency – former Government body, closed at the end of March 2012.
SFRA	Strategic Flood Risk Assessment – overview of Flood Risk within a specific area aiming to provide general guidance to local authority planners, developers and other interested parties

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SI	Site Investigation
Site of Special Scientific Interest	A statutory conservation designation denoting a protected area in the United Kingdom
Site Waste Management Plan	A document setting out how construction wastes will be managed with the overall aim to reduce the amount of waste produced, maximize opportunities for recycling/reuse and as a last resort ensure that waste is appropriately disposed off at a suitably licenced facility.
SM	Scheduled Monument
SNCI	Site of Nature Conservation Interest
SNCO	Statutory Nature Conservation Organisation
SoCG	Statement of Common Ground
Southern Bomb Stores	Area of the Application Site which forms the focus of the employment related development.
SPA	Special Protection Area
Special Protection Area	Sites protected under the European 'Birds Directive' for rare and vulnerable birds and for regularly occurring migratory species
SPD	Supplementary Planning Document – Planning policy document that provides more detailed advice or guidance on the policies in the Local Development Plan.
Statement of Common Ground	A statement setting out the agreed principles with regards aspects of a proposal by parties that disagree on other aspects
SSSI	Site of Special Scientific Interest - conservation designation denoting a protected area in the United Kingdom
SuDS	Sustainable Urban Drainage System
Sustainable Urban Drainage System	A drainage system designed to drain surface water in a manner that will provide a more sustainable approach than what has been the conventional practice of routing run-off through a pipe to a watercourse.
SWMP	Site Waste Management Plan
TA	Transport Assessment
TEA	Triethanolamine – Chemical used primarily as an emulsifier and surfactant and is a common ingredient in formulations used for both industrial and consumer products.
TEMPRO	Trip End Model Presentation Program
Total Petroleum Hydrocarbons	Any mixture of hydrocarbons that are found in crude oil
TPH	Total Petroleum Hydrocarbons
Transport Assessment	A comprehensive and systematic process that sets out transport issues relating to a proposed development. It identifies what measures will be taken to deal with the anticipated transport impacts of the scheme and to improve accessibility and safety for all modes of travel, particularly for



<b>Term / Acronym</b>	<b>Description</b>
	alternatives to the car such as walking, cycling and public transport.
TRICS	The National Standard For Trip Generation Analysis - Software that is used for transport planning purposes. The forecasts take into account: population; employment; households by car ownership; trip ends; and simple traffic growth factors
TW	Thames Water – regional Water supply company
Validation Report	A report produced to document the completed works of a project. This includes all written and site work. This can be used to inform how the project performs environmentally.
Water Framework Directive	A European Union directive which commits European Union member states to achieve good qualitative and quantitative status of all water bodies (including marine waters up to one nautical mile from shore) by 2015.
WFD	Water Framework Directive
ZTV	Zone of Theoretical Visibility – used within LVIAs to identify areas of interest for further investigation and assessment.