

Appendix 1.2 – Glossary of Abbreviations/Terms

Project Details

Project Name	Newlands Farm (Loddon Valley Garden Village), Reading
The Applicant	Gleeson land
Proposed Development	Newlands Farm, Loddon Valley Garden Village
Wider Strategic Development Location (SDL)	Loddon Valley Garden Village (LVGV)
The Local Planning Authority	Wokingham Borough Council

Abbreviations and Terms used in the ES

AADF	Annually Averaged Daily Flow
AADT	Annually Averaged Daily Flow
Accuracy	A measure of how well a set of data fits the true value
AEP	Annual Exceedance Probability
Air quality objective	Policy target generally expressed as a maximum ambient concentration to be achieved, either without exception or with a permitted number of exceedances within a specific timescale (see also air quality standard).
Air quality standard	The concentrations of pollutants in the atmosphere which can broadly be taken to achieve a certain level of environmental quality. The standards are based on the assessment of the effects of each pollutant on human health including the effects on sensitive sub groups (see also air quality objective).
AMS	Automatic Monitoring Station
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
APIS	Air Pollution Information System
AQ	Air Quality
AQMA	Air Quality Management Area
ASHP	Air Source Heat Pump
AURN	Automatic Urban Rural Network
A-weighting dB(A)	Frequency weighting applied to measured sound in order to account

BMV	Best and Most Versatile Agricultural Land (Grade 1 – 3a)
BNG	Biodiversity Net Gain
CAZ	Clean Air Zone
CEMP	Construction Environmental Management Plan
CIL	Community Infrastructure Levy
CLP	Construction Logistics Plan
CMS	Conceptual Site Model
Conservative	Tending to over-predict the impact rather than under-predict.
CoPA	Control of Pollution Act
COSHH	Control of Substances Hazardous to Health
CTP	Construction Travel Plan
dB	Decibel. The logarithmically scaled measurement unit of sound.
DBA	Desk-based Assessment
DLUHC	Department for Levelling Up, Housing and Communities
DEFRA	Department of Environment, Food and Rural Affairs
DfT	Department for Transport
DMRB	The Design Manual for Roads and Bridges
EA	Environment Agency
Eco Valley	Undeveloped green space to the north/northwest of Loddon Garden Village
EDNA	Economic Development Needs Assessment
EFT	Emissions Factor Toolkit
EHO	Environmental Health Office/Officer
EIA	Environmental Impact Assessment
ELAA	Employment and Land Availability Assessment
Emission rate	The quantity of a pollutant released from a source over a given period of time.
EPA	Environmental Protection Act
EPS	European Protected Species
EPUK	Environmental Protection UK
ES	Environmental Statement

ESR	Existing Sensitive Receptor
EVCP	Electric Vehicle Charging Point
Exceedance	A period of time where the concentrations of a pollutant is greater than
FRA	Flood Risk Assessment
FTE	Full-time Equivalent (two part-time jobs as reported as 1 FTE job)
FTP	Framework Travel Plan
GHG	Green House Gases
GVA	Gross Value Added
Ha	Hectare – 1ha is an area equal to 1,000 square metres (2.47 acres)
HDVs	Heavy Duty Vehicle: a vehicle with a gross vehicle weight greater than
HE	Highways England
HEAN12	Historic England Advice Note 12 – Statements of Heritage Significance: Analysing Significance in Heritage Assets
HEGPA3	Historic England Good Practice Advice Note 3 – The Setting of Heritage Assets
Berkshire HER	Berkshire Historic Environmental Record
HGV	Heavy Goods Vehicle
HMP	Habitat Management Plan
I&L	Industrial and logistics
IAQM	Institute of Air Quality Management
IMD	Index of Multiple Deprivation – made of a series of indicators published by the Government for defined geographic areas (SOAs)
ISEP	Institute of Sustainability and Environmental Professionals (formerly IEMA)
Km	Kilometre = 1,000 metres / or imperial = 1.6093 miles
LAQM	Local Air Quality Management
LBAP	Local Biodiversity Action Plans
LEMP	Landscape and Ecological Management Plan
LEP	Local Enterprise Partnership
LEZ	Low Emission Zone
LFRMS	Local Flood Risk management Strategy
LGS	Local Geological Sites

LGV	Light Goods Vehicles
LLFA	Lead Local Flood Authority
LNR	Local Nature Reserves
LOAEL	Lowest Observed Adverse Effect Level. This is the noise level above
LPA	Local Planning Authority
LSOA	Lower Super Output Area – a geographical shape covering an average of 1,500 residents to represent areas of similar social background
LTP	Local Transport Plan
LVIA	Landscape and Visual Impact Assessment
m	Metre
m ²	Square metre (area)
m ³	Cubic metre (volume)
MaaS	Mobility as a Service
MAGIC	Multi Agency Geographic Information for the Countryside website
NAQO	National Air Quality Objective
NCA	National Character Area
NDHAs	Non Designated Heritage Assets
NE	Natural England
NERC	The Natural Environment and Rural Communities
NH	National Highways
NHLE	National Heritage List for England
NO ₂	Nitrogen Dioxide
NOx	Nitrogen oxides
NPPF	National Planning Policy Framework
NRMM	Non-road Mobile Machinery
NTS	Non-Technical Summary (of the ES)
NTZ	Nitrate Vulnerable Zone
NVQ	National Vocational Qualification
ONS	Office of National Statistics
PCM	Pollution Climate Mapping

per cubic metre	one microgram (millionth of a gram) of pollutant.
PM ₁₀	Particulate Matter (particles of a size less than 10µg)
PM _{2.5}	Particulate Matter (particles of a size less than 2.5µg)
PMA	Property Market Area
PPE	Personal Protective Equipment
PPG	Planning Practice Guidance
PRA	Preliminary Risk Assessment
PRoW	Public Right of Way
PV	Photovoltaic
Road link	A length of road which is considered to have the same flow of traffic along it. Usually, a link is the road from one junction to the next.
SAC	Special Area of Conservation
SCI	Statement of Community Involvement
SEP	Strategic Economic Plan
SFRA	Strategic Flood Risk Assessment
SINC	Sites of Importance for Nature Conservation
SMEs	Small and Medium enterprises
SPA	Special Protection Area
SPD	Supplementary Planning Document
SRN	Strategic Road Network
SSSI	Site of Special Scientific Interest
SuDS	Sustainable drainage systems
SWMP	Site Waste Management Plan
TA	Transport Assessment
TPO	Tree Preservation Order
Trackout	The transport of dust and dirt from the construction / demolition site onto the public road network, where it may be deposited and then re-suspended by vehicles using the network. This arises when heavy duty vehicles (HDVs) leave the construction / demolition site with dusty materials, which may then spill onto the road, and/or when HDVs transfer dust and dirt onto the road having travelled over muddy ground on site.
ULEZ	Ultra Low Emission Zone

ULSD	Ultra Low Sulphur Diesel
VOC	Volatile Organic Compounds
WCA	The Wildlife and Countryside Act
WFD	Water Framework Directive
WMS	Waste Management Strategy
WRMP	Water Resources Management Plan
WRZ	Water Resource Zone
ZoI	Zone of Influence
ZTV	Zone of Theoretical Visibility
µg/m ³	A measure of concentration in terms of mass per unit volume. A microgrammes concentration of 1ug/m ³ means that one cubic metre of air contains