

Intermodal Logistics Park North Ltd

INTERMODAL LOGISTICS PARK NORTH (ILPN)

Intermodal Logistics Park North (ILPN) Strategic Rail Freight Interchange (SRFI)

Project reference TR510001

Preliminary Environmental Information Report (PEIR)

October 2025

Planning Act 2008

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

This document forms a part of a Preliminary Environmental Information Report (PEIR) for the Intermodal Logistics Park North (ILPN) project.

A PEIR presents environmental information to assist consultees to form an informed view of the likely significant environmental effects of a proposed development and provide feedback.

This PEIR has been prepared by the project promoter, Intermodal Logistics Park North Ltd. The Proposed Development is described in Chapter 3 of the PEIR and is the subject of a public consultation.

Details of how to respond to the public consultation are provided at the end of Chapter 1 of the PEIR and on the project website:

<https://www.tritaxbigbox.co.uk/our-spaces/intermodal-logistics-park-north/>

This feedback will be taken into account by Intermodal Logistics Park North Ltd in the preparation of its application for a Development Consent Order for the project.

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ILPN Rail Freight Interchange ◆ Glossary and key terms

KEY PROJECT TERMS

8.1 The following terms and abbreviations provide a standard set of terms that have been used to describe the Proposed Development and relevant components and areas.

Full text	Acronym/ abbreviation	Notes
Amenity area		The area north of the railway line bounded by rail lines and Parkside Road, providing amenity open space, landscaping and screening and a proposed viewing area for the Huskisson memorial, including heritage interpretation
Chat Moss Line		The railway line on the Liverpool to Manchester line serving the DCO Site.
Cumulative assessment study area		The areas of the DCO Site on which the cumulative assessment is based, namely the Main Site, the Western Rail Chord and the Lane Head South Relief Road.
draft Main Order Limits		All of the land contained within the draft Order Limits for the Main Site and the Western Rail Chord (excludes land for offsite highways mitigation)
draft Order Limits		All of the land within the DCO application boundary as shown on the draft Order Limits Plan for the purposes of PEIR.
Eastern offsite planting area		The area of land to the east of the Soil Reuse Area to be used for landscape planting
Infrastructure Planning (Environmental Impact Assessment) Regulations 2017	the EIA Regulations	The regulatory mechanism for the process of environmental impact assessment (EIA) governing infrastructure planning in England
Intermodal Logistics Park North Ltd.	the Applicant	The Applicant of the Proposed Development of the ILPN RFI.
Intermodal Logistics Park North Rail Freight Interchange	ILPN RFI	The name of the Proposed Development
Intermodal Terminal or railport	Railport	The areas and uses that relate specifically to the movement of containerised freight, comprising the container yard, tracks under the gantry, offices, gatehouse, parking and roadways.

Full text	Acronym/ abbreviation	Notes
Lane Head South Relief Road		Land contained within the draft Order Limits for the potential provision of a relief road to serve the south of Lane Head, which forms part of the package of remote highways options.
Long term effects		Permanent effects arising from the operation of the SRFI or from the permanent presence or removal of physical features.
Medium term effects		Temporary effects of longer duration, such as those arising over an extended period of construction ranging from one year to the full construction period, envisaged to be ten years.
National Policy Statement for National Networks	NPSNN	The overarching planning policy for nationally significant infrastructure projects on road, rail and strategic rail freight interchanges (SRFI).
Parkside West allocation	Parkside West	The land contained within the Parkside West allocation in the St Helens Local Plan, including land safeguarded for the SRFI.
Proposed Development		The development proposed in the DCO application.
Rail accessible		Buildings with the potential either to be rail-connected or rail-served.
Rail connected		A warehouse or other building either with its own dedicated rail siding or which is sufficiently close to the railport to allow containers to be moved from the rail wagons into the warehouse by overhead cranes or reach stackers, without the need for them to be loaded onto an HGV or Tugmaster vehicle.
Rail served		A warehouse forming part of the Strategic Rail Freight Interchange (SRFI) development, but which would require containers to be moved from or to the railport by means of an HGV or Tugmaster vehicle.
Rail Terminal		All rail aspects and services within the SRFI, comprising the rail associated buildings, reception sidings including the WCR and the components contained within the Intermodal Terminal.
Remote highway works		Land contained within the draft Order Limits that includes the potential options that are being considered to inform a package of potential highways mitigation. These are located out of the Main Site and the Western Rail Chord.

Full text	Acronym/ abbreviation	Notes
Short term effects		Temporary effects related to a specific construction event of no more than a year's duration – such as the construction of an individual building or a specific element of infrastructure such as a section of road.
Soils Reuse Area		Land to the east of Winwick Lane to be used for the purposes of storage and reuse of soils.
Strategic Rail Freight Interchange	SRFI	A large multi-purpose freight interchange and distribution centre linked into both the rail and trunk road systems.
The DCO Site		All of the land inside the draft Order Limits.
The Main Site of the DCO Site	the Main Site	Land to the east of the M6 motorway, to the south of the Chat Moss Line and to the west of Winwick Lane
The Northern Mitigation Area		The land to the north of the railway line incorporating land for community use, biodiversity net gain (BNG), public rights of way (PRoW), landscaping and soil management.
The Parkside Link Road	PLR	The consented link road running between the A49 and M6 J22 which has been built but will not open until other works including to junction 22 of the M6 are completed – opened 31 May 2025. Made up of Parkside Link Road East, which is the access to ILPN RFI and Parkside Link Road West, which lies south of the M6 and primarily serves Parkside West, but also serves ILPN RFI.
The Western Rail Chord of the DCO Site	the Western Rail Chord (WCR)	Land to the west of the M6 motorway and to the east of the West Coast Mainline where the rail chord for the SRFI will be located.
West Coast Mainline		The railway line serving the DCO Site north to south connecting London to Glasgow with branches to other major cities.

GLOSSARY AND ABBREVIATIONS

- 8.2 The following terms and abbreviations have been used in the technical work undertaken to support the documents that are being prepared as part of the ILPN RFI Development Consent Order application.

Full Text	Acronym/ Abbreviation	Notes
Above Ordnance Datum	AOD	Height of land surface above sea level.
Additionality		The extent to which something happens as a result of an intervention that would not have occurred in the absence of the intervention.
Agricultural Land Classification	ALC	The grading system used to assess and compare the quality of agricultural land in England and Wales
Air Quality Assessment	AQA	An assessment undertaken where a proposed development may be impacted by, or impacts on, air quality levels.
Air Quality Limit Value Regulations 2010	-	UK regulations to limit the levels of air borne pollutants emitted from industries.
Air Quality Management Area	AQMA	An area designated as being at risk of not meeting air quality standards by a local authority.
Air Quality Management Plan	AQMP	A plan developed to improve the air quality in the air quality management area.
Air Quality Modelling and Assessment Unit	AQMAU	An Environment Agency team that targets air quality related issues.
Air Quality Objective	AQO	A legally binding limit for concentration of air pollutants.
Air Quality Strategy	AQS	The AQS for England, Scotland, Wales and Northern Ireland provides details of national air quality standards and objectives for a number of local air pollutants.
Ancient Woodland	-	A woodland that has existed continuously since 1600 or before.
Annual Average Daily Traffic	AADT	Measurement unit for the total volume of vehicle traffic to indicate how busy the road is.

Full Text	Acronym/ Abbreviation	Notes
Annual Average Flow Rate for surface water runoff	QBAR	The peak flow rate from a catchment for the mean annual flood (the average annual flood event recorded in a river).
Annual Average Weekday Traffic	AAWT	Measurement unit for the total volume of vehicle traffic, weekdays only, on a road or motorway for a year divided by the number of weekdays in the year
Annual Population Survey	APS	The Annual Population Survey (APS) is a continuous household survey, covering the UK. The topics covered include employment and unemployment, as well as housing, ethnicity, religion, health and education.
Annual Survey of Hours and Earnings	ASHE	The Annual Survey of Hours and Earnings (ASHE) provides information about the levels, distribution and make-up of earnings and paid hours worked for employees in all industries and occupations.
Application	-	The DCO application for the Proposed Development made to the Secretary of State under the Planning Act 2008.
Applications: Prescribed Forms and Procedure Regulations	APFP	The Infrastructure Planning Regulations 2009, as amended, which prescribe various matters in connection with the making of an application for development consent under the Planning Act 2008.
Asbestos Containing Material	ACM	Any material containing more than 1% asbestos.
Automatic Traffic Count	ATC	Means of determining traffic levels in the vicinity.
Automatic Urban and Rural Network	AURN	Air quality monitoring site.
B2	B2	General industrial activities (a classification of uses under the Town and Country Planning Order 1987)
B8	B8	Storage and distribution uses (a classification of uses under the Town and Country Planning Order 1987)

Full Text	Acronym/ Abbreviation	Notes
Best and Most Versatile Agricultural Land	BMV	Agricultural land within Grades 1, 2 and Subgrade 3a of the ALC
Best Available Techniques	BAT	'Best available techniques' (BAT) means the available techniques which are the best for preventing or minimising emissions and impacts on the environment for an industrial installation which operates under an Environmental Permit.
Best Practicable Means	BPM	Best practicable means, effectively requires that all reasonable and practicable steps should be taken to minimise noise and vibration. The practicable element requires consideration of the DCO Site itself, neighbouring property sensitivity, engineering requirements, safety etc. While the reasonable element includes the programme and cost implications of such measures and whether they are feasible.
Biodiversity Action Plan	BAP	Plan concerned with the protection of identified species and habitats.
Biodiversity Net Gain	BNG	An approach to development that obligates developers to contribute to the recovery of nature while developing land by leaving biodiversity in a measurably better state than before the development took place
British Geological Survey	BGS	The UK public body responsible for all aspects of geoscience.
Business Register and Employment Survey	BRES	The Business Register and Employment Survey (BRES) is the official source of employee and employment estimates by detailed geography and industry.
BS 4142:2014+A1 2019	BS 4142	Method for rating and assessing industrial and commercial sound (2014+A1:2019) .
BS 8233:2014	-	Guidance on sound insulation and noise reduction for buildings (2014).

Full Text	Acronym/ Abbreviation	Notes
BS5228:2009+A1:2014	-	Code of Practice for Noise and Vibration Control on Construction and Open Sites (2009+A1:2014). Part 1 relates to noise while Part 2 covers vibration.
BS5873	-	Guidance in relation to trees and design, demolition and construction
Candidate Local Wildlife Sites	cLWS	Wildlife rich sites nominated for their local nature conservation value.
CAoL Guidance	-	Department of Communities and Local Government guidance 'Planning Act 2008: Guidance related to procedures for the compulsory acquisition of land' (September 2013).
Carbon Dioxide	CO ₂	Not carbon. A primary greenhouse gas emitted through human activities as well as natural sources.
Carbon Dioxide equivalent	CO ₂ -eq	A metric measure used to compare the emissions from various greenhouse gases on the basis of their global warming potential (GWP) by converting other amounts of gases to the amount of carbon dioxide with the equivalent global warming potential.
Carbon Monoxide	CO	A pollutant gas generated by combustion sources where carbon in fuel is not fully oxidised - a trace component of vehicle emissions, more particularly for older vehicles.
Chamber of Commerce	CoC	A network of businesses to represent business interests.
Civil Aviation Authority	CAA	A statutory corporation that oversees and regulates civil aviation in the UK.
Classified Turning Counts	CTC	Measurement of vehicle traffic in particular at junctions.
Coal Authority	-	A non-governmental body that manages coal mining operations and coal reserves throughout the UK.

Full Text	Acronym/ Abbreviation	Notes
Code of Construction Practices	CoCP	A guidance document that sets out standards and procedures for managing environmental impact of constructing major schemes.
Commercial and Industrial waste	C&I	A type of waste from businesses that does not include construction and demolition waste.
Committee on the Medical Effects of Air Pollutants	COMEAP	An advisory body that advises the UK government on all matters concerning the health effects of air pollutants.
Common Bird Census	CBC	A standardised methodology to map breeding bird territories.
Conceptual Site Model	CSM	A model that identifies the possible pathways by which a contaminant from a particular source can affect a particular receptor.
Conservation Areas	CA	An area of special architectural and historic interest designated by the local planning authority.
Conservation of Habitats and Species Regulations 2017	Habitats Regulations	The UK laws that protect European designated sites and species.
Construction and Demolition Waste	C&D	A type of construction waste as identified by the Environment Agency.
Construction Environmental Management Plan	CEMP	A document which specifies the overarching principles and measures to manage and mitigate the effects of the activities associated with the construction of the Proposed Development. It will also ensure that construction activities cause minimum disruption to people, businesses and the environment. This can be in the form of an outline CEMP (oCEMP) at the pre-application stage, a framework CEMP at the application stage, and a phase-specific CEMP at the delivery stage.
Construction Industry Research and Information Association	CIRIA	-

Full Text	Acronym/ Abbreviation	Notes
Construction Stage	-	The construction stage of the Proposed Development begins with enabling works, which will include site set-up and groundworks.
Construction Traffic Management Plan	CTMP	A document which ensures that the impacts of construction traffic movements associated with the Proposed Development are managed in a manner that minimises negative impacts on existing highway users, highway infrastructure and the wider environment.
Construction Travel Plan	CTP	A plan by the construction contractor for managing staff travel during the construction stage of a project (e.g. car sharing, public transport) that is submitted to the relevant Highway Authority for approval.
Contaminated Land Exposure Assessment	CLEA	A tool to help assess the risks of contaminated land exposure for human health
Cumulative Effects Assessment	CEA	The process to assess the combined effects of a proposed development in conjunction with other existing and/or approved developments
dB(A)	-	A-weighted decibel – a correction applied to each frequency between 20 Hz and 20 kHz that effectively represents the way the human ear works.
Deadweight	-	An estimate of what level of target outputs/outcomes would be produced if the intervention did not go ahead.
Decibel	dB	Logarithmic scale for measuring sound levels.
Definition of Waste: Development Industry Code of Practice	DoWCoP	A framework that helps determine whether excavated materials from construction sites are waste or not.
Department for Environment, Food and Rural Affairs	DEFRA	The UK Government department responsible for environmental protection, food production and standards, agriculture, fisheries and rural communities in the UK.
Department for Transport	DfT	Government department responsible for transport.

Full Text	Acronym/ Abbreviation	Notes
Deposition	-	The main pathway for removing pollutants from the atmosphere, by settling on land.
Design Manual for Roads and Bridges	DMRB	A suite of technical documents produced by the Highways England that include guidance for environmental appraisal that are also used for non- highways schemes and as such are commonly used in EIA.
Desk Based Assessment	DBA	Assessment undertaken using internet or offline sources, i.e. not in the field.
Determinand	-	A substance or parameter that is determined analytically, e.g. arsenic concentration in soil, pH of water, concentration of a particular gas in air quality modelling.
Development Consent Order	DCO	An order made under the Planning Act 2008 granting development consent for a Nationally Significant Infrastructure Project
Development Plan Documents	DPD	Planning policy documents that make up the Local Plan for an area. Includes the relevant documents for St Helens, Wigan and Warrington
Digital Surface Model	DSM	A 3-dimensional computer model that represents the elevation of terrain and above-ground objects.
Discretionary Advice Service	DAS	Service offered by Natural England with regard to consultation.
Displacement	-	The proportion of intervention outputs accounted for by reduced outputs elsewhere in the target area.
Ecological Construction Method Statement	ECMS	A method statement to demonstrate how any ecological risk will be mitigated during the construction phase
Ecological Impact Assessment	EclA	The process through which the potential impacts resulting from a project are identified, quantified, and assessed through appropriate ecological surveys

Full Text	Acronym/ Abbreviation	Notes
Ecological Mitigation and Management Plan	EMMP	A document setting out the measures required during the construction phase to protect and mitigate the impacts that have been identified through the assessment on the ecological receptors.
Electric and Magnetic Fields	EMF	EMF's comprise electric and magnetic fields. Electric fields are the result of voltages applied to electrical conductors and equipment. Magnetic fields are produced by the flow of electric current.
Emission	-	The direct or indirect release of substances, vibrations, heat or noise from individual or diffuse sources into air, water or onto land, e.g. pollution may be discharged into the atmosphere from a stack or vent.
Emission Limit Value	ELV	Legal enforcement limit on the physical, chemical or biological characteristics of a point source of emission to water or air.
Employment, Skills and Training Plan Framework	ESTPF	A plan that is prepared by the Applicant to work proactively with St Helens Borough Council, Wigan Council and Warrington Borough Council and their chosen partners, which supports residents into training and work during both construction and operation.
Energy Efficiency Directive 2012	-	The Directive establishes a framework of measures for the promotion of energy efficiency within the European Union.
English Heritage Archives	EHA	A public archive of architectural and archaeological records.
Environment Agency	EA	The non-departmental government body responsible for protection and enhancement of the environment in England and Wales.
Environmental DNA testing	eDNA	An recognised survey technique for establishing the presence or absence of great crested newts in ponds during the breeding season
Environmental Health Officer	EHO	A local authority health professional responsible for carrying out measures for protecting public health.

Full Text	Acronym/ Abbreviation	Notes
Environmental Impact Assessment	EIA	The process of evaluating the likely significant environmental effects of a proposed project or development as part of the planning process.
Environmental Permit	EP	A permit required in accordance with the Environmental Permitting Regulations.
Environmental Permitting Regulations	EPR	The Environmental Permitting (England and Wales) Regulations 2010 (SI 2010/675) as amended that regulates practices that have pollution potential through a permitting system.
Environmental Protection Act 1990	EPA	The Act that covers, amongst other things, the regulation of contaminated land in the UK.
Environmental Quality Standards	EQS	The concentration of a particular pollutant or group of pollutants in water, sediment or biota which should not be exceeded in order to protect human health and the environment.
Environmental Statement	ES	The document which reports the process, findings and recommendations of the EIA carried out to assess the environmental impacts of the Proposed Development informed by the Scoping Opinion.
Environmentally Sensitive Area	ESA	A designation for agricultural areas needing special protection by virtue of their landscape, wildlife or historical value.
Finished Floor Levels	FFLs	Refers to the uppermost surface of the floor once construction has been completed but before any finishes have been applied.
Flood Defence Consent	FDC	A consent required by the Environment Agency, for construction or maintenance work on over, under or near a main river (usually within 8-10 metres).
Flood Risk Assessment	FRA	An assessment that determines the risk of flooding to a proposed project.
Freight Market Study	FMS	Network Rail Study from October 2013 setting out annual average growth forecasts for the intermodal subsectors.

Full Text	Acronym/ Abbreviation	Notes
Full Time Equivalent	FTE	The equivalent number of full time jobs provided by a project - e.g. two half-time jobs equates to one FTE.
Functional Economic Market Area	FEMA	Area not constrained by administrative boundaries, but reflecting the way the economy works.
Generic Assessment Criterion	GAC	An integral part of the risk assessment process for land affected by contamination
Governance for Rail Investment Projects	GRIP	Network Rail's delivery mechanism for projects on operational railways.
Great Crested Newt	GCN	A species of newt protected by European Legislation.
Greater Manchester Historic Environment Record	GMHER	Archaeological dataset for the Greater Manchester area
Green Infrastructure	GI	A network of multi-functional green space and other green features, which can deliver quality of life and environmental benefits
Gross External Area	GEA	Measure of floorspace, measured externally at each floor level, including perimeter walls and external projections
Gross Internal Area	GIA	Measure of floorspace, measured to the internal face of the perimeter walls at each floor level.
Gross Value Added	GVA	Gross value added is the measure of the value of goods and services produced in an area, industry or sector of an economy.
Groundwater Source Protection Zone	GSPZ	Areas around groundwater abstraction sources that are defined in order to help protect drinking water from contamination.

Full Text	Acronym/ Abbreviation	Notes
Guidance for the Environmental Assessment of Road Traffic	GEART	The Institute of Environmental Management and Assessment (IEMA) guidance on the environmental assessment of road traffic.
Guidance on Transport Assessment	GTA	Department for Transport guidance dated March 2007 on the preparation of Transport Assessments as archived 22 October 2014 and replaced by NPPG “Transport evidence bases in plan making”
Guidelines for Landscape and Visual Impact Assessment, 3rd Edition	GLVIA	Guidance produced by the Landscape Institute and the Institute for Environmental Management and Assessment dated 17 April 2013
Habitat Regulations Assessment	HRA	An assessment required under the European Directive 92/43/EEC (the Habitats Directive).
Habitat Suitability Index	HSI	A method for assessing the suitability of ponds for their potential to support Great Crested Newts.
Homes and Community Agency	HCA	The former name of Homes England. The government’s housing, land and regeneration agency and the regulator of social housing providers in England.
Health and Safety Executive	HSE	The non-departmental government body responsible for workplace safety in the UK.
Health Impact Assessment	HIA	A tool to identify and optimise the potential health and wellbeing effects of a policy, programme or project on a population
Heavy Goods Vehicle	HGV	A truck with a gross combination mass of more than 3500 kg.
Hectare	Ha	Unit of measurement equivalent to 100 acres.
Highway Authority	HA	The relevant body responsible for the non-core road network (i.e. roads other than trunk roads and motorways).

Full Text	Acronym/ Abbreviation	Notes
Historic England	EH	The executive non-departmental public body that advises the public and other bodies on the care of the historic environment in England.
Historic Environmental Record	HER	The record held by the local planning authority of known archaeological sites, buildings and landscapes of relevance to the historic environment.
Historic Landscape Characterisation	HLC	A tool to identify and interpret the varying historic character within an area that looks beyond individual heritage assets incorporating landscape and townscape
Housing and Economic Needs Assessment	HEDNA	Report evaluating the future housing needs, the scale of future economic growth and the quantity of land and floorspace required for economic development.
Housing Delivery Test	HDT	The Housing Delivery Test (HDT) measurement is an annual measurement of housing delivery in the area of relevant plan-making authorities.
Housing Market Area	HMA	Geographical area beyond administrative boundaries defined by household demand and preferences for all types of housing.
Hover	-	An otter's day nest or resting site.
IMMI	-	3D Noise modelling software
Important Ecological Features	IEF	Habitats, species and ecosystems that may be affected by a proposed development, with reference to a geographical context in which they are considered important.
Indices of Multiple Deprivation	IMD	An index to measure deprived areas in the wards of English local authorities.
Industrial and Logistics Sector	I&L	The industrial and logistics (I&L) sector, which includes logistics, light industrial and manufacturing uses which fall under an E class and B2 planning use class respectively.
Industrial Emissions Directive	IED	EU Directive on industrial emissions.

Full Text	Acronym/ Abbreviation	Notes
Institute of Acoustics	IOA	Professional body for Acoustics, Noise and Vibration professionals.
Institute of Air Quality Management	IAQM	Professional body for air quality professionals.
Institute of Environmental Management and Assessment	IEMA	IEMA was a professional body for environmental professionals that provides industry guidance on many topics including EIA. This has now become the Institute of Sustainability and Environmental Professionals (ISEP)
Institute of Environmental and Sustainability Professionals	ISEP	The professional body for environmental professionals that provides industry guidance on many topics including EIA, formerly known as IEMA.
Integrated Pollution Prevention and Control Directive	IPPC	The EU Directive (2008/1/EC) incorporated into UK law by the Environmental Permitting Regulations on prevention and control of industrial emissions. The Directive aims to achieve a high level protection of the environment through measures to prevent or, where that is not practicable, to reduce emissions to air, water and land from activities listed in Annex I of the Directive
ISO 9613-2:2024	-	Acoustics – Attenuation of sound during propagation outdoors Part 2: Engineering method for the prediction of sound pressure levels outdoors
Job Seekers Allowance	JSA	Unemployment benefit claimed while looking for work.
Joint Nature Conservation Committee	JNCC	The public body that advises the UK government and devolved administrations on UK-wide and international nature conservation.
Kilovolt	kV	A measure of electrical potential.
$L_{A10,T}$	-	The A-weighted noise level exceeded for 10% of the measurement period, T.

Full Text	Acronym/ Abbreviation	Notes
$L_{A10,18h}$		This is the arithmetic average of the hourly ($L_{A10,1h}$) values for each of the eighteen one-hour periods between 06:00 and 24:00 hours. This indicator is normally used to describe road traffic noise.
$L_{A90,T}$	-	The A-weighted noise level exceeded for 90% of the measurement period, T. This is often described as the background sound level.
$L_{Aeq,T}$	-	The equivalent continuous A-weighted sound or noise level over the time period (T). This is the A-weighted sound pressure level of a continuous, steady sound that, over the given time period (T), contains the same sound energy as the actual fluctuating sound over the same time period.
L_{Amax}	-	The maximum A-weighted maximum sound pressure level over a given period. It is used to show the highest noise level that occurred in that time period. In some situations the effect of noise is more associated with the maximum value than, for example, the $L_{Aeq,T}$ indicator.
L_{night}		For the purpose of night-time noise assessment this is the equivalent continuous sound level $L_{Aeq,8hr}$ for the period between 23:00 – 07:00 hours assessed outside a dwelling and in the free-field.
Land Plan	-	The plan showing the land required for the Proposed Development which is to be the subject of the power to acquire new rights, to extinguish or suspend existing rights and/or impose restrictive covenants submitted with the Application.
Landscape and Visual Impact Assessment	LVIA	The assessment of landscape and visual effects from the Proposed Development
Landscape Character Area	LCA	Geographically unique areas of the landscape where a combination of factors such as topography, vegetation pattern, land use and cultural associates combine to create an area with a distinct, recognisable character.
Landscape Character Assessment	LCA	An assessment used to understand and articulate the character of a landscape, by identifying what give a locality its 'sense of place' and what makes it different from neighbouring areas carried out pursuant to the Landscape Character Assessment Guidance for

Full Text	Acronym/ Abbreviation	Notes
		England and Scotland.
Landscape Character Assessment Guidance for England and Scotland	LCAG	Guidance on Landscape Character Assessment issued by The Countryside Agency (now Natural England) and Scottish Natural Heritage dated 2002.
Landscape Character Types	LCT	The distinct, recognisable and consistent pattern of elements in the landscape.
Landscape and Ecological Management Plan	LEMP	A document to provide processes and instructions for the management and operations of a site to ensure the protection and enhancement of the ecology and biodiversity on, and around, a development site.
Lead	Pb	Chemical element
Lead Local Flood Authority	LLFA	The authority responsible for developing, maintaining and applying a strategy for local flood risk management in their areas and maintaining a register of flood risk assets.
Leakage	-	The proportion of outputs that benefit those outside of the intervention's target area.
Light Goods Vehicle	LGV	Vehicles with a gross weight less than 3.5 tonnes.
Listed Building		A building that has been placed on the statutory list of buildings of Special Architectural or Historic Interest and protected by the Planning (Listed Building and Conservation Areas) Act 1990 (as amended).
Liverpool City Region Combined Authority	LCRCA	The Liverpool City Region Combined Authority (LCRCA) is the combined authority of the Liverpool City Region. Its jurisdiction includes the City of Liverpool local authority area, the Metropolitan Boroughs of Knowsley, St Helens, Sefton, and Wirral, and the unitary borough of Halton.

Full Text	Acronym/ Abbreviation	Notes
Local Air Quality Management Technical Guidance	LAQM TG	A tool used by local authorities to support them in carrying out their duties under the Environment Act 1995 as amended by the Environment Act 2021.
Local Development Framework	LDF	A spatial planning strategy introduced by the Planning and Compulsory Purchase Act 2004.
Local Enterprise Partnership	LEP	A voluntary partnership between local authorities and businesses responsible for setting strategic direction and implementation of economic development.
Local Nature Reserve	LNR	Statutory designation for places with wildlife or geological features that are of special interest locally.
Local Transport Plan	LTP	A plan by a local Highway Authority that sets out a strategy for the future of transport in its area.
Local Wildlife Site	LWS	Wildlife rich sites selected for their local nature conservation value.
Lowest Observed Adverse Effect Level	LOAEL	The level above which adverse effects on health and quality of life can be detected in relation to noise.
Lower layer Super Output Area	LSOA	Lower layer Super Output Areas (LSOAs) are a geography made up of groups of Output Areas (OAs), usually four or five. They comprise between 400 and 1,200 households and usually have a resident population between 1,000 and 3,000 persons.
Made Ground	-	Man-made deposits artificially placed comprising a wide variety of material e.g. concrete, brick etc - typical of previously developed ighs.
Maintenance	-	Maintenance can comprise inspections, repair, adjustments or alterations, removal, refurbishments, reconstruction, replacements and improvements.
Manual for Streets	MfS	The guidance produced by the Department for Transport and Department for Communities and Local Government on road layout and balancing the needs of

Full Text	Acronym/ Abbreviation	Notes
		different road users, with a focus on residential roads.
Merseyside Historic Environment Record	MHER	Archaeological dataset for the Merseyside area
Ministry of Housing, Communities and Local Government (formerly Department for Levelling Up, Housing and Communities)	MHCLG	The ministerial department focused on housing, communities and local government.
Multi Agency Geographical Information for the Countryside	MAGIC	A web-based mapping browser showing various geographical designations e.g. nature conservation sites, heritage sites.
Multiplier effects	-	Further economic activity (jobs, expenditure or income) associated with additional expenditure and supplier purchases.
National Air Quality Objectives	NAQOs	Air quality limit and target values for the protection of human health set by the government.
National Character Area	NCA	Distinct natural areas of England, defined by a unique combination of landscape, biodiversity, geodiversity and cultural and economic activity.
National Cycle Network	NCN	A network of signed and promoted cycle routes across the UK.
National Grid Company	NGC	National Grid's principal operations are the ownership and operation of regulated electricity and gas infrastructure networks.
National Heritage List for England	NHLE	A list of statutory designated heritage assets in England
National Highways	NH	The agency of the Department for Transport responsible for the core road network in England (formerly the Highways Agency and Highways England).

Full Text	Acronym/ Abbreviation	Notes
National Monuments Record	NMR	Currently known as English Heritage Archive.
National Nature Reserve	NNR	Statutory designations, where places with wildlife or geological features that are significant at a national level.
National Planning Policy Framework	NPPF	The National planning policy framework for England.
National Planning Practice Guidance	NPPG	The Planning Practice Guidance web based resource for England first introduced in March 2014 (and which largely superseded planning policy statements (PPSs)) providing guidance on National planning policy and the operation of the planning system
National Policy Statements	NPS	Overarching legislative policy concerning the planning and consenting of NSIPs in the UK.
Nationally Significant Infrastructure Project	NSIP	As defined by the Planning Act 2008.
Natural England	NE	The non-departmental government body responsible for England's natural environment.
Nitrate Vulnerable Zone	NVZ	A designated area where land drains into and contributes to nitrate found in nitrate-polluted waters.
Nitrogen Dioxide	NO ₂	A gas formed during the combustion process typically associated with road traffic emissions.
Nitrous oxides	NO _x	A collective term for nitric oxide (NO) and nitrogen dioxide (NO ₂)
Noise Policy Statement for England	NPSE	Policy that sets out the long term vision of government noise policy.

Full Text	Acronym/ Abbreviation	Notes
Noise Sensitive Receptor	NSR	Receptors principally residential dwellings (existing or for which planning consent is being sought/ has been given) and any building used for long term residential purposes (such as nursing home).
No Observed Effect Level	NOEL	This is the level below which no effect can be detected. In simple terms, below this level, the sound has no effect at all.
Non-Designated Heritage Assets	NDHA	Buildings, monuments, sites, places, areas or landscapes identified as having a degree of significance meriting consideration in planning decisions but which are not formally designated heritage assets.
Non-Technical Summary	NTS	The non-technical summary of the Environmental Statement.
Okta	-	A unit used in expressing the extent of cloud cover, equal to one eighth of the sky.
Office of National Statistics	ONS	The UK Statistics Authority
Operation	-	The routine day to day functioning of the Proposed Development
Order	-	The Development Consent Order (DCO)
Ordnance Survey	OS	National mapping agency for Great Britain
Otter Faeces	Spraint	-
Overhead Line	OHL	Network of overhead electricity transmission lines
Ozone	O ₃	A pollutant gas found in the atmosphere

Full Text	Acronym/ Abbreviation	Notes
Part II A	-	The section of EPA 1990 that deals with contaminated land.
Particulate Matter	PM	Very small solid particles.
Pathway	-	The route by which contamination moves from a source to a given receptor.
Peak Particle Velocity	PPV	A term used to measure vibration through a solid surface. When a vibration is measured, the point at which the measurement takes place can be considered to have a particle velocity.
Percentage Heavy Goods Vehicles	%HGV	Percentage of traffic that is classified as Heavy Goods Vehicles in a 16hr period.
Permitted Development	-	Development that is deemed under legislation to have planning consent without the need to obtain planning permission.
Personal Protective Equipment	PPE	Equipment a person may wear to protect themselves from risks e.g. high-visibility jackets, gloves, steel toe capped boots.
Planning Act 2008	PA 2008	England and Wales legislation which established the legal framework to apply for, examine and determine applications for Nationally Significant Infrastructure Projects.
Planning Inspectorate	PINS	Executive agency supported by the Department for Communities and Local Government which deals with planning appeals, national infrastructure, planning applications, examinations of local plans and other planning related and specialist casework in England and Wales.
Pollution Prevention Guidance	PPG	Environment Agency published guidance on pollution prevention and best practice.

Full Text	Acronym/ Abbreviation	Notes
Potential Contaminant Linkages	PCL	The existence of a contamination source and a receptor where a pathway is also present linking the two.
Potential Local Wildlife Sites	pLWS	Wildlife rich sites with potential to be selected for their local nature conservation value.
Preliminary Environmental Information Report	PEIR	A report describing the preliminary environmental assessment during the pre-application process of an NSIP.
Process Contribution	PC	The increase in the concentration of a pollutant in the air caused by a process or facility.
Property Market Area	PMA	The area which captures the industrial and logistics market that the Subject Site sits within
Protection of Badgers Act 1992	-	The legal instrument that protects badgers and their setts from harm.
Public Right of Way	PRoW	Paths on which the public have legally protected rights to pass.
Rail Bridge 104	-	The bridge known Railway Bridge 104 crossing the West Coast Mainline Railway at Grid reference SJ 891 371.
Rail Terminal		Location within the ILP North Site where the trains will terminate
Receptor	-	An identified aspect of the environment - e.g. a resident, protected species, heritage asset, controlled water etc - that may be affected by the Proposed Development and, as such, has been assessed as part of the EIA undertaken.
Regional Distribution Centre	RDC	A large warehouse(s) that stores and distributes products to a specific geographic area.
Registered Parks and Gardens	-	Gardens and designed landscapes of special architectural and historic importance, placed on a national register by Historic England.

Full Text	Acronym/ Abbreviation	Notes
Regulated Qualifications Framework	RQF	The Regulated Qualifications Framework (RQF) accredits qualifications in England, Wales and Northern Ireland.
Remediation	-	The clean up of contaminated soil to make it suitable and safe for future use.
Resource Management Plan	RMP	A document setting out how resources will be managed during the construction process of a project.
River Basin Management Plan	RBMP	A management tool created by Environment Agency to use for integrated water resources management.
Scheduled Monument	SM	A "nationally important" archaeological site or historic building, protected under the Ancient Monuments and Archaeological Areas Act 1979.
Scoping Opinion	-	The Scoping Opinion provided by the Secretary of State.
Secretary of State	SoS	The decision maker for a NSIP application and head of the relevant government department.
Standard Industrial Classification	SIC	A system for classifying industries by a four-digit code as a method of standardising industry classification for statistical purposes across agencies
Statutory Instrument	SI	A form of legislation that allow the provisions on an Act of Parliament to be brought into force or altered without Parliament having to pass a new act.
Significant Observed Adverse Effect Level	SOAEL	The level above which significant adverse effects on health and quality of life occur in relation to noise.
Site of Nature Conservation Interest	SNCI	Non-statutory areas of local importance for nature conservation.
Site of Special Scientific Interest	SSSI	A geological or biological conservation designation denoting a protected area in the UK.

Full Text	Acronym/ Abbreviation	Notes
Site Waste and Materials Management Plan	SWMMP	The strategic document dealing with the effective management of materials used for the construction and the operation of the Proposed Development ensuring that waste is considered at all stages of the Proposed Development.
Standard Occupation Code	SOC	A four-digit number which classifies occupations into broad job types and related job titles
Soil Guideline Values	SGV	A tool to assist risk assessors in determining unacceptable chronic risks (long-term) to human health from contamination.
Sound Power Level	SWL	The Sound Energy flow per unit of time.
Sound Pressure Level	SPL	Logarithmic measure of the sound pressure of a sound relative to a reference value, the threshold of hearing.
Special Area of Conservation	SAC	Area of protected habitats and species as defined in the European Union's Habitat Directive (92/43/EEC).
Special Landscape Areas	SLA	Local designation to provide protection for locally significant and attractive landscapes.
Special Protection Area	SPA	A designated area for birds under the European Union Directive on the Conservation of Wild Birds (2009/147/EC)
Square feet	Sqft / ft ²	Unit of area
Square metres	Sqm / m ²	Unit of area
Statement of Common Ground	SoCG	A written statement containing factual information about the Proposed Development that records where the applicant and other interested party have common ground and agreement on issues, and where there are matters where differences remain.

Full Text	Acronym/ Abbreviation	Notes
Strategic Housing Land Availability Assessment	SHLAA	An assessment carried out at local or regional level to determine the quantity and suitability of land potentially available for housing development.
Strategic Housing Market Assessment	SHMA	An assessment carried out at local or regional level to understand the housing market and identify future housing needs.
Statement of Community Consultation	SoCC	A statement describing how an applicant proposes to consult the local community about a project.
Strategic Rail Freight Interchange	SRFI	Large multi-purpose freight interchange and distribution centre linked to both the rail and trunk road systems
Sulphur dioxide	SO ₂	A gas formed during the combustion process.
Sustainable Access and Movement Strategy	SAMS	A plan to promote and create opportunities and mechanisms to enable walking, cycling, public transport and bike, car and ride sharing in preference to single occupancy car use.
Sustainable Drainage Systems	SuDS	Systems that are designed to manage surface water run off as close to source as possible and to mimic natural processes to reduce the effect on the quality and quantity of run off from developments.
Transport Analysis Guidance	TAG	Guidance from the Department for Transport on how to assess transportation schemes.
Transport Assessment	TA	A comprehensive and systematic process that sets out transport issues related to a proposed development.
Tree Preservation Order	TPO	A written order made by the local authority which makes it an offence to intentionally damage or remove a tree protected by that order without the authority's permission.
UK Climate Projections	UKCP	A set of tools and data that indicates how the UK's climate may change in the future.

Full Text	Acronym/ Abbreviation	Notes
UK Drinking Water Standards	DWS	Regulations that define the quality of water for human consumption, ensuring it is safe, clean, and pleasant to drink by setting limits on chemical, physical and microbiological contaminants.
Unacceptable Adverse Effect Level	UAEL	The level at which noise is considered to be 'very disruptive' and should be 'prevented' in accordance with the Planning Practice Guidance for noise.
Unemployment	-	All people aged 16+ without a job who were available to start work in the two weeks following their interview and who had either looked for work in the four weeks prior to interview or were waiting to start a job they had already obtained.
Unexploded Ordnance	UXO	Explosive weapon that did not detonate and pose a risk of detonation.
United Nations Economic Commission for Europe	UNECE	Organisation providing medical and scientific evidence of health risks to the general public and recommended concentration limits.
Valuation Office Agency	VOA	Executive agency of His Majesty's Revenue and Customs. The Agency values properties for the purpose of Council Tax and for non-domestic rates in England and Wales.
Vibration Dose Value	VDV	This is a measure of the amount of vibration that is experienced over a specified period, normally the 16-hour day (07.00 – 23.00 hours) or 8-hour night (23.00 – 07.00 hours). It is used to determine the likelihood of adverse comment about vibration.
Waste (England & Wales) Regulations 2011	-	Legislations for the waste prevent, management and introduction of waste hierarchy. The regulations apply to England and Wales only.
Water Framework Directive	WFD	The Water Framework Directive is a European Union directive which commits EU member states to achieve good qualitative and quantitative status of all water bodies.
Water Resources Act 1991	WRA	Legislation to prevent and minimise pollution of water.

Full Text	Acronym/ Abbreviation	Notes
Weighted Sound Reduction Index	Rw	Single-number quantity which characterises the airborne sound insulation of a material or building element over a range of frequencies when tested in a laboratory.
West Coast Mainline	WCML	The railway line serving the site north to south connecting London to Glasgow with branches to other major cities
Wild Mammals (Protection) Act 1996	-	Legal instrument that makes provision for the protection of wild animals from certain cruel acts.
Wildlife and Countryside Act 1981	-	Legislation which protects animals, plants and certain habitats in the UK.
Works Plans	-	The plans showing the numbered Works referred to in the Order and submitted with the Application.
World Health Organisation	WHO	A United Nations agency concerned with public health.
Zone of Influence	ZOI	The primary impact area surrounding the development Site defined as the area within commuting distance of the proposed development.
Zone of Theoretical Visibility	ZTV	A computer generated plan showing a maximum area of the surroundings within which a proposed development could theoretically be viewed.