

Indaver Rivenhall IWMF DCO

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Infrastructure Planning (Applications: Prescribed Forms and Procedure)

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ENVIRONMENTAL STATEMENT [PINS Ref: EN0101038]

ES CHAPTER 0: CONTENTS, GLOSSARY AND ABBREVIATIONS

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Indaver Rivenhall Ltd

Leading the field in
sustainable waste
management.

Environmental Statement: Volume I – Chapters (Doc Ref. 6.1)

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Glossary

Applicant	The Environmental Statement was prepared on behalf of Indaver Rivenhall Limited (referred to as the 'Applicant').
Actuators	The component in any machine or device that enables physical movement by converting energy, often electrical, air, or hydraulic, into mechanical force.
Baseline Studies	Studies of existing environmental conditions which are designed to establish the baseline conditions against which any future changes can be measured or predicted.
Consented Scheme	Proposed development of an integrated waste management facility and associated works, as permitted by planning permission ESS/34/15/BTE, as amended by ESS/34/15/BTE/NMA1, ESS/34/15/BTE/NMA2, ESS/34/15/BTE/NMA3, ESS/34/15/BTE/NMA4, ESS/34/15/BTE/NMA5 and ESS/34/15/BTE/NMA6 [correct as of 07/11/2023].
Conservation Area	An area designated by the Local Authority as being of special architectural or historic interest under the provisions of the Planning (Listed Buildings and Conservation Areas 1990) Act, the character or appearance of which it is desirable to preserve or enhance.
The 'Proposed Development'	The proposed implementation of either Work Option.
Environmental Impact Assessment	A process by which information about the environmental effects of a project is collected, both by the developer and from other sources, and taken into account by the relevant decision making body before a decision is given on whether the development should go ahead.
EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.
Environmental Statement	A statement that includes such information that is reasonably required to assess the environmental effects of a development.
Integrated Waste Management Facility	A consented building that incorporates waste handling space, a Materials Recovery Facility, a Mechanical Biological Treatment Facility, an Anaerobic Digestion Plant, De-inking and Pulping Paper Recycling Facility, and an Energy from Waste plant.

Listed Building	A building or structure included in the list made by the Secretary of State for Culture, Media and Sport of special architectural or historic interest.
Local Nature Reserve	Statutory designations made under Section 21 of the National Parks and Access to the Countryside Act 1949, and amended by Schedule 11 of the Natural Environment and Rural Communities Act 2006, by principal local authorities with wildlife or geological features that are of special interest locally.
Mitigation	Any process, activity or thing designed to avoid, reduce or remedy adverse environmental impacts likely to be caused by a development project.
Mitigating Factor	A matter to be taken into account as a benefit on balance to offset against any perceived or demonstrable harmful impact.
Mitigation Measure	Measure aiming at reducing an adverse environmental effect.
Non-technical Summary	A summary of the Environmental Statement in 'non-technical language'.
On-site	Taking place or available on the Site.
Off-site	Referring to a location other than the Site.
Ordnance Datum	Land levels are measured relative to the average sea level at Newlyn, Cornwall. This average level is referred to as 'Ordnance Datum'.
Pathways	The routes by which impacts are transmitted through air, water, soils or plants and organisms to their receptors.
Preliminary Environmental Information	Defined in the EIA Regulations as information referred to in regulation 14(2) which has been compiled by the Applicant; and is reasonably required for the consultation bodies to develop an informed view of the likely significant environmental effects of the development (and of any associated development).
Residual Impacts	Those impacts of the development that cannot be mitigated following implementation of mitigation proposals.
Scheduled Monument	A 'nationally important' archaeological site or historic building, given protection against unauthorised change.

EIA Scoping	An initial stage in determining the nature and potential scale of the environmental impacts arising from the Proposed Development, and assessing what further studies are required to establish their significance.
EIA Scoping Opinion	A written statement of the opinion of the Planning Inspectorate as to the information to be provided in the Environmental Statement.
The 'IWMF Site'	The area of development defined by the Consented Scheme.
The 'Site'	The Site is approximately rectangular in shape and covers the extent of the consented IWMF building footprint, as defined by the Consented Scheme. The Site is located within part of the IWMF Site.
Site of Special Scientific Interest	The land notified as a Site of Special Scientific Interest (SSSI) under the Wildlife and Countryside Act (1981), as amended. SSSI are the finest sites for wildlife and natural features in England, supporting many characteristic, rare and endangered species, habitats and natural features.
Topography	The natural and man-made features of an area collectively.
Work Option(s)	<p>Work Option No.1 – an extension to the existing generating station at the Rivenhall Integrated Waste Management Facility (i.e. the Energy from Waste plant) with the effect that, once extended, the extended Energy from Waste plant would have a gross installed generating capacity above 50MW, comprising the following work:</p> <p>(a) mechanical modifications to the actuated steam turbine inlet control valves to allow steam capacity to be increased.</p> <p>Work Option No.2 – an extension to the existing generating station at the Rivenhall Integrated Waste Management Facility (i.e. the Energy from Waste plant) with the effect that, once extended, the extended Energy from Waste plant would have a gross installed generating capacity above 50MW, comprising the following work:</p> <p>(a) installation of unrestricted actuated steam turbine inlet control valves with a capacity above 50MW.</p>

Abbreviations

AOD	Above Ordnance Datum
AQMA	Air Quality Management Area
BDC	Braintree District Council
BEIS	Business, Energy & Industrial Strategy
CA	Conservation Area
CCGT	Combined-cycle Gas Turbine
CCS	Considerate Contractors Scheme
CEMP	Construction Environmental Management Plan
CHP	Combined Heat and Power
CO ₂	Carbon Dioxide
COSHH	Control of Substances Hazardous to Health
CRTN	Calculation of Road Traffic Noise
DCO	Development Consent Order
EA	Environment Agency
ECC	Essex County Council
EfW	Energy from Waste
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment
EPC	Engineering, Procurement and Construction
ES	Environmental Statement
ESNZ	Energy Security and Net Zero
GHG	Greenhouse Gas
Ha	Hectares

HGV	Heavy Goods Vehicles
HSE	Health and Safety Executive
IEMA	Institute of Environmental Management Assessment
IWMF	Integrated Waste Management Facility
LPA	Local Planning Authority
LNR	Local Nature Reserve
km	Kilometres
m	Metres
MW	Megawatt
NOAEL	No Observed Adverse Effect Level
NPPF	National Planning Policy Framework
NPS	National Policy Statement
NPSE	Noise Policy Statement for England
NSIP	Nationally Significant Infrastructure Project
NSR	Noise Sensitive Receptor
PEI	Preliminary Environmental Information
PRoW	Public Right of Way
SSSI	Site of Special Scientific Interest
SoCC	Statement of Community Consultation
SOAEL	Significant Observed Adverse Effect Level
SoS	Secretary of State
TCPA	Town and Country Planning Act
TPO	Tree Preservation Order
VSR	Vibration Sensitive Receptor
ZoI	Zone of Influence

