SEVINGTON
INLAND BORDER FACILITY

Department for Environment, Food & Rural Affairs

HM Revenue & Customs

Department for Transport

Environmental Statement

Volume 2: Appendices (Chapter 1)

Appendix 1.1

Location of Information Within the ES

Appendix 1.1: Location of information within the ES (as defined by Schedule 4 of the EIA Regulations)

Specified Information		Location in the ES
1.	A description of the development, including in particular:	
(a)	a description of the location of the development;	**Volume 1, Chapter 1**: Introduction. **Volume 1, Chapter 3**: Land uses and Sensitive Receptors
(b)	a description of the physical characteristics of the whole development, including, where relevant, requisite demolition works, and the land-use requirements during the construction and operational phases;	**Volume 1, Chapter 4**: The Development
(c)	a description of the main characteristics of the operational phase of the development (in particular any production processes), for instance, energy demand and energy used, nature and quantity of materials and natural resources (including water, land, soil and biodiversity) used; and	**Volume 1, Chapter 4**: The Development
(d)	an estimate, by type and quantity, of expected residues and emissions (such as water, air, soil and subsoil pollution, noise, vibration, light, heat, radiation) and quantities and types of waste produced during the construction and operation phases.	**Volume 1, Chapter 9**: Noise and Vibration. **Volume 1, Chapter 8**: Air Quality.
2.	A description of the reasonable alternatives (for example in terms of development design, technology, location, size and scale) studied by the developer, which are relevant to the proposed project and its specific characteristics, and an indication of the main reasons for selecting the chosen option, including a comparison of the environmental effects.	**Volume 1, Chapter 5**: Alternatives
3.	A description of the relevant aspects of the current state of the environment (baseline scenario) and an outline of the likely evolution thereof without implementation of the development as far as natural changes from the baseline scenario can be assessed with reasonable effort on the basis of the availability of environmental information and scientific knowledge.	**Volume 1, Chapter 3**: Land uses and Sensitive Receptors All technical Chapters (**Volume 1, Chapters 6-11**). Landscape and Visual Assessment (**Volume 3**).
4.	A description of the factors specified in regulation 4(2) likely to be significantly affected by the development: population, human health, biodiversity (for example fauna and flora), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity and quality), air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.	All technical Chapters (**Volume 1, Chapters 6-11**). Landscape and Visual Assessment (**Volume 3**).

Specified Information		Location in the ES
5	A description of the likely significant effects of the development on the environment resulting from, inter alia:	All technical Chapters (**Volume 1, Chapters 6-11**). **Volume 1, Chapter 12:** Residual Effects & Effect Interactions. Landscape and Visual Assessment (**Volume 3**).
(a)	the construction and existence of the development, including, where relevant, demolition works;	**Volume 1, Chapter 2**: EIA Methodology.
(b)	the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	**Volume 1, Chapter 11:** Ecology and Biodiversity.
(c)	the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste.	**Volume 1, Chapter 7:** Transport and Access. **Volume 1, Chapter 8**: Air Quality. **Volume 1, Chapter 9**: Noise and Vibration. **Volume 1, Chapter 12:** Residual Effects & Effect Interactions. Landscape and Visual Assessment (**Volume 3**).
(d)	the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	All technical Chapters (**Volume 1, Chapters 6-11**). **Volume 1, Chapter 12:** Residual Effects & Effect Interactions Landscape and Visual Assessment (**Volume 3**).
(e)	the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;	All technical Chapters (**Volume 1, Chapters 6-11**). **Volume 1, Chapter 12:** Residual Effects & Effect Interactions. Landscape and Visual Assessment (**Volume 3**).
(f)	the impact of the project on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the project to climate change; and	**Volume 1, Chapter 8**: Air Quality **Volume 1, Chapter 12:** Residual Effects & Effect Interactions.
(g)	the technologies and the substances used.	**Volume 1, Chapter 4**: The Development.
6.	A description of the forecasting methods or evidence, used to identify and assess the significant effects on the environment, including details of difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the required information and the main uncertainties involved.	All technical Chapters (**Volume 1, Chapters 6-11**). Landscape and Visual Assessment (**Volume 3**).

Specified Information		Location in the ES
7.	A description of measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects on the environment and, where appropriate, of any proposed monitoring arrangements (for example the preparation of a post-project analysis). That description should explain the extent, to which significant adverse effects on the environment are avoided, prevented, reduced or offset, and should cover both the construction and operational phases.	All technical Chapters (**Volume 1, Chapters 6-11**), where appropriate. **Volume 1, Chapter 13:** Next Steps. Landscape and Visual Assessment (**Volume 3**), where appropriate.
8.	A description of the expected significant adverse effects of the development on the environment deriving from the vulnerability of the development to risks of major accidents and/or disasters which are relevant to the project concerned. Relevant information available and obtained through risk assessments pursuant to EU legislation such as Directive 2012/18/EU(**3**) of the European Parliament and of the Council or Council Directive 2009/71/Euratom(**4**) or UK environmental assessments may be used for this purpose provided that the requirements of this Directive are met. Where appropriate, this description should include measures envisaged to prevent or mitigate the significant adverse effects of such events on the environment and details of the preparedness for and proposed response to such emergencies.	**Volume 1, Chapter 2**: EIA Methodology.
9.	A non-technical summary of the information provided under paragraphs 1 to 8.	**Non-Technical Summary** (NTS).
10.	A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	All technical Chapters (**Volume 1, Chapters 6-11**). Landscape and Visual Assessment (**Volume 3**).

Appendix 1.2

Competent Experts

Appendix 1.2: Competent Experts' Qualifications and Experience

Name and Role (Organisation)	Qualifications	Relevant Experience
[redacted] EIA Associate Director (Waterman)	BSc (Environmental and Natural Resources Mgt and Biology) MSc (Marine Environmental Management) PIEMA	Over 15 years' experience in both private and public sectors, specialising in the co-ordination of Environmental Impact Assessments and preparing Environmental Statements for predominantly urban regeneration projects.
[redacted] EIA Project Manager (Waterman)	BSc (Hons) Geography MA Environmental Impact Assessment and Management PIEMA	Over 17 years' experience of co-ordinating Environmental Impact Assessments and preparing Environmental Statements within urban regeneration, retail, commercial, residential, industrial, transportation and highways sectors.
[redacted] EIA Project Assistant (Waterman)	BSc (Hons) Sustainable Development MSc Environmental Impact Assessment and Management GradIEMA	EIA consultant with over 2 years' experience in project assisting for Environmental Assessments (EIA and non-EIA) including property, railways, commercial and mixed-use developments, working closely with technical disciplines.
[redacted] Socio-Economics (Stantec)	MSc, Urban Planning and Development. BSc, Land Management. Royal Town Planning Institute - Member 2018	[redacted] is an Associate Planner in Stantec's Development Economics Team with 13 years experience. [redacted] prepares economic and social evidence to support the planning balance throughout the development lifecycle. This includes preparation of economic benefit and impact statements, labour market analysis and industry/sector evaluation, social value strategy and employment and skills development for a range of private and public sector clients. [redacted] prepares evidence to demonstrate the economic, socio-economic and community value of development, working across residential-led, commercial-led, mixed-use, leisure and renewable energy developments of varying size.
[redacted] Associate Director Socio Economics (Stantec)	BA (Hons) Geography, MA Town Planning Member of Institute of Economic Development (MIED)	[redacted] has over 20 years' experience of socio-economic research in both the private and public sector to inform planning and development proposals. [redacted] undertakes assessments to demonstrate the economic and social need for development and also the impact of development on local communities including evidencing the economic and social benefits associated with development and the impact on local community infrastructure, such as healthcare, education and recreational facilities.
[redacted] Transport and Access (Waterman)	BSc (Hons) Rural Resource Development Member of Chartered Institution of Highways & Transportation (MCIHT)	Associate Director with over 22 years' experience in highways and transport planning across the private and public sectors. Extensive experience undertaking technical analysis, including traffic modelling, and in the preparation and review of supporting documents for planning applications, such as Transport Assessments, Travel Plans and Environmental Statement technical chapters. [redacted] has prepared evidence for, and attended, Appeal Hearings and Planning Inquiries.
[redacted] Air Quality (Waterman)	BSc (Hons), Chartered Environmentalist (CEnv) Institute of Air Quality Management (MIAQM) Member.	Over 14 years' experience in environmental consultancy, and over 11 years specialising in the the assessment of air quality and odour for a variety of projects including environmental impact assessments.

Name and Role (Organisation)	Qualifications	Relevant Experience
	Associate EIA Practitioner, IEMA, CEEQUAL Assessor	[redacted] has experience in undertaking and project managing air quality assessments. [redacted] has extensive knowledge in the use of atmospheric dispersion models ADMS-Roads and ADMS 6, and the DMRB screening model.
[redacted] Noise and Vibration (Waterman)	MSc Applied Acoustics, BSc (Hons) MIOA Member of Institute of Acoustics	Over 22 years' experience in environmental consultancy.
[redacted] (Senior Historic Environment Consultant) (Lanpro)	BA (Hons) Anthropology MA Anthropology Practitioner Member of the Chartered Institute for Archaeologists (PCIfA)	Over 10 years' experience of working in the commercial archaeology and built heritage industry.
[redacted] (Principal Historic Environment Consultant) (Lanpro)	BA Archaeology MA Archaeology of Buildings Affiliate Member of Historic Building Conservation (IHBC)	Over 10 years' experience as an historic environment professional with experience working on built heritage, archaeological and townscape focused projects.
[redacted] (Technical Director) (Lanpro)	BA Archaeology MA Archaeology Member of the Chartered Institute for Archaeologists (MCIFA) Fellow of the Society of Antiquaries	27 years' experience as an historic environment professional with experience working archaeological consultancy
[redacted] Principal Ecologist (Waterman)	Waterman Infrastructure & Environment Limited	BSc (Hons) Marine Biology & coastal ecology Full Member of the Chartered Institute of Ecology and Environmental Management
[redacted] Ecology (Waterman)	BSc (joint Hons) MSc CBiol MRSB MCIEEM BSBI	[redacted] has over 30 years' experience in biodiversity and ecological services developed in roles held in a number of sector-leading consultancies. [redacted] is an active member of CIEEM, part of a team which revised and updated the Institute's Ecological Impact Assessment Guidelines and a member of CIEEM's Professional Standards Committee. [redacted] is also a British Standards Institute (BSi) Biodiversity committee member.
[redacted] Landscape and Visual (Waterman)	B.A (Hons) Masters of Landscape Architecture (MLA) Chartered Member of the Landscape Institute (CMLI)	[redacted] is a Chartered Landscape Architect with 15 years experience within Landscape Architecture. [redacted] has provided Landscape and Townscape Visual Impact Assessments and project managed other related disciplines including arboriculture which forms part of Waterman's Landscape service line.
[redacted] Landscape and Visual (Waterman)	BA (Hons), PG Diploma BA (Hons) Human Geography PG Diploma Landscape Architecture	[redacted] is a Senior Landscape Architect with 15 years' experience, working on all stages of a project from inception through to completion and post completion. [redacted] has worked extensively on multiple projects of varying scale and complexity in the UK and overseas.