

Shelton Road, Corby Energy Recovery Facility

Corby Ltd.

Environmental Statement

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Shelton Road, Corby

Environmental Statement

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1. INTRODUCTION

Corby Limited (the 'Applicant') is planning to submit a full planning application for construction of an Energy Recovery Facility comprising proven combustion technology (with an output capacity of up to 23 megawatts electrical, MWe) with an education and visitor centre, access, landscaping and associated works (the 'Proposed Development') on land at Shelton Road, Willowbrook East Industrial Estate, Corby. The application site (the 'Site') is located within the administration of Northamptonshire County Council (NCC) and is shown on **Figure 1.1** and **Figure 1.2**.

1.1 Planning History

The principle of developing an Energy Recovery Facility on the Site is well-established and accepted. Two previous planning permissions have been granted for such uses on the Site as follows.

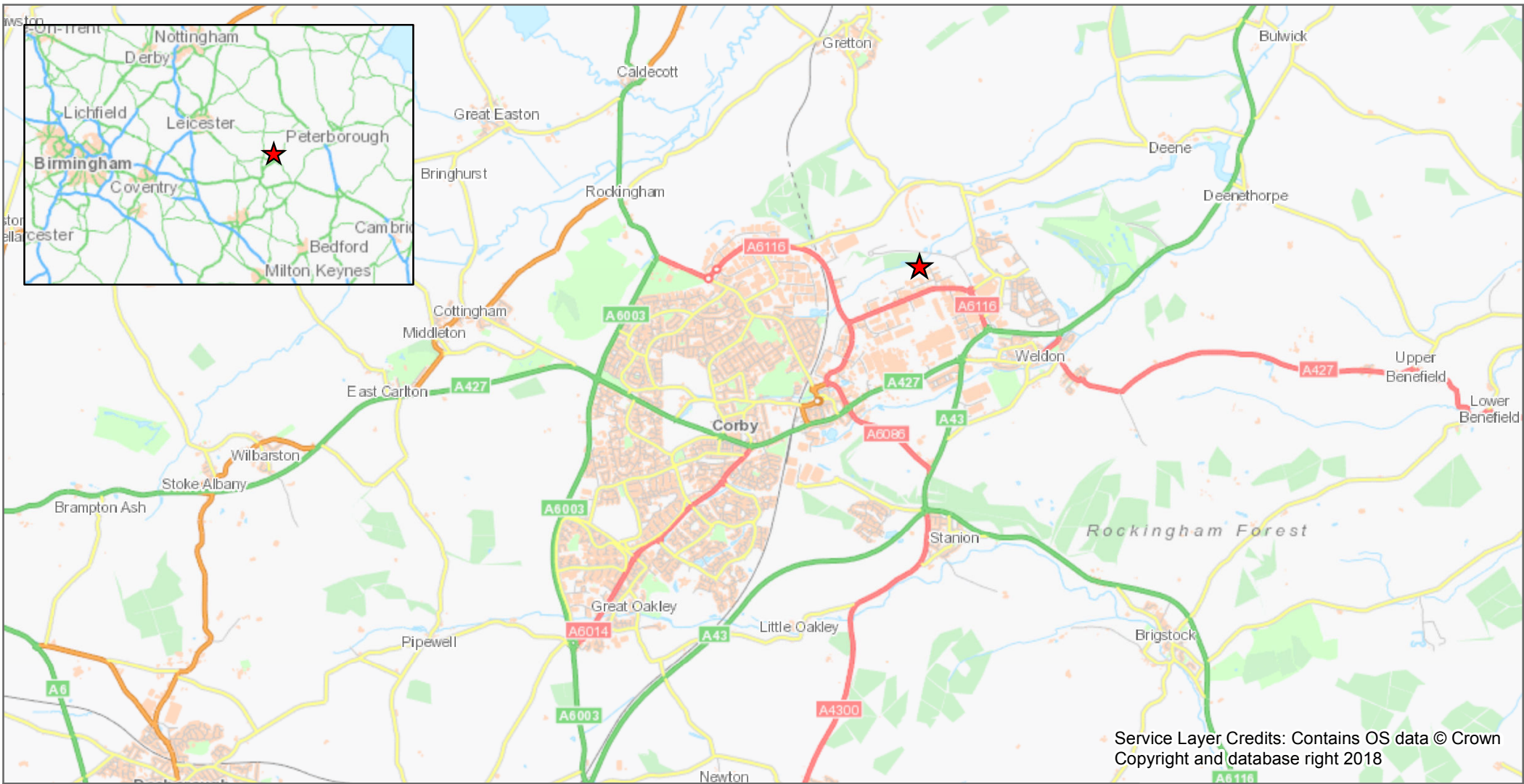
- NCC Ref: 13/00079/WASFUL – full planning permission for the “*erection of an Advanced Conversion Technology (ACT) and Anaerobic Digestion (AD) Facility comprising of a 8-12 MWe pyrolysis plant and a 2-3 MWe digestion facility with an integrated education centre, access, landscaping and associated works*”. Granted 7th February 2014. A section 73 application to vary the extension of the approved catchment area for waste import was subsequently approved on 25th March 2015 (NCC Ref: 15/00004/WASVOC). This planning permission has since expired.
- The 'Consented Development', NCC Reference: 16/00028/WASFUL – full planning permission for “*erection of an Energy Recovery Facility comprising a Materials Recovery Plant and Advanced Thermal Treatment Facility with an integrated education and visitor centre, access, landscaping and associated works*”. The planning permission for the Consented Development is still valid and could be implemented.

The Proposed Development retains many aspects and principles of the Consented Development. The Proposed Development will also treat refuse derived fuel (RDF) and residual material. All of the processes and materials will still be contained within sealed buildings, with the tipping and bunker halls operated under negative pressure. The Proposed Development also accords with the waste hierarchy as materials that are suitable for recycling will be removed from the process and the dedicated education centre is retained in the new plan. Additionally, when operational, the Proposed Development will still generate 25 full time jobs. The Proposed Development is described in detail in Chapter 4. The Proposed Development and the main differences between the Proposed Development and the Consented Development are highlighted in **Table 4.4**.

1.2 Environmental Impact Assessment

Due to its scale and nature, the Proposed Development constitutes an 'Environmental Impact Assessment (EIA) Development' under Schedule 3a of *The Town and Country Planning (Environmental Impact Assessment) Regulations 2017* (SI 2017 No. 571) (hereafter referred to as the 'EIA Regulations 2017') (Ref. 1.1).

EIA is the process of collection, publication and consideration of environmental information in the determination of a planning application. Information on the likely significant effects of the Proposed Development has therefore been gathered and is presented in this document, the Environmental Statement (ES). The ES will inform the decision-maker (NCC) of the likely significant environmental effects of the Proposed Development both during construction and once completed and proposes mitigation measures to prevent, reduce and offset any significant adverse effects on the environment.



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★ Site Location

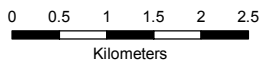
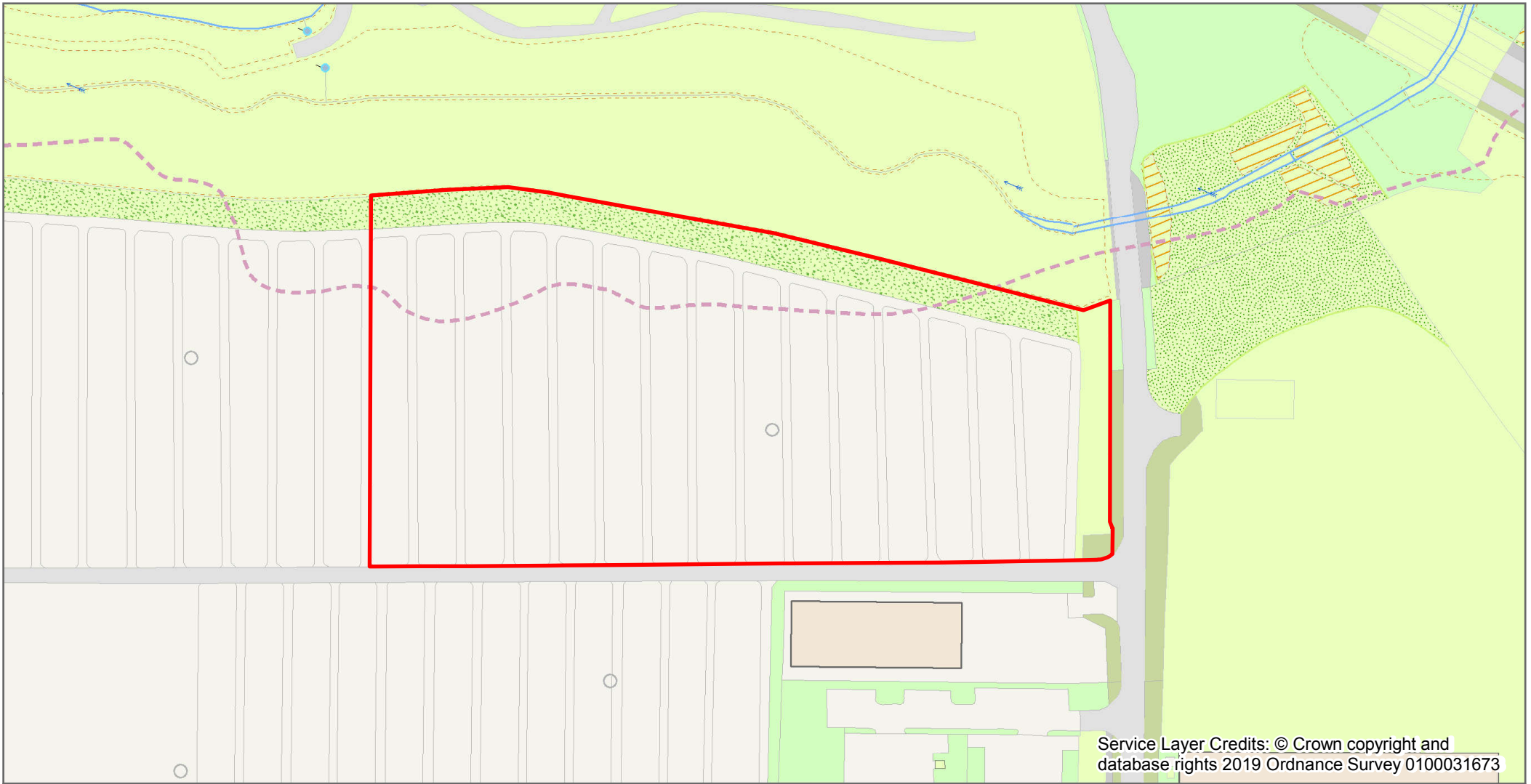


Figure 1.1
Site Location

SCALE:	See Scale Bar	VERSION:	A01
SIZE:	A4	DRAWN:	AA
PROJECT:	0488636	CHECKED:	HW
DATE:	10/01/2019	APPROVED:	CB



PROJECTION: British National Grid



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 Site Boundary

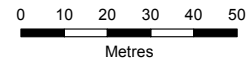


Figure 1.2
Application Site Boundary

**Willowbrook East Industrial Estate, Shelton Road,
Corby, Northamptonshire, NN17 5XH**

SCALE:	See Scale Bar	VERSION:	A01
SIZE:	A4	DRAWN:	AA
PROJECT:	0488636	CHECKED:	HW
DATE:	26/02/2019	APPROVED:	CB



1.3 Structure of the ES

Regulation 18 (3) and Schedule 4 of the EIA Regulations set out the information to be included in an ES. An outline of this information in respect of the Proposed Development and where it can be found is presented in **Table 1.1**.

The ES comprises three parts.

1. Volume 1: The full text of the ES which comprises a total of 18 chapters, illustrated throughout by a series of tables and figures.
2. Volume 2: The ES Technical Appendices which comprises a complete set of the technical documents undertaken as part of, or in support of, the ES.
3. The Non-Technical Summary (NTS) of the ES. A concise summary of the Proposed Development and its likely significant effects on the environment in straightforward language.

Each of the technical sections in Volume 1 of the ES comprises: an introduction; a methodology of assessment, review of relevant policy context, a description of the baseline (existing) conditions; an assessment of the likely environmental effects of the Proposed Development; a description of mitigation measures; and discussion on residual effects.

Table 1.1 Information to be included in the ES as per Schedule 4 of the EIA Regulations

Requirement	Location within ES
<p>4. A description of the development, including in particular:</p> <ul style="list-style-type: none"> a) a description of the location of the development; 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; c) a description of the main characteristics of the operational phase of the development (in particular any production process), for instance, energy demand and energy used, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used; 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. 	Chapter 4
<p>5. 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.</p>	Chapter 5
<p>6. 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.</p>	Chapters 7 to 16
<p>7. 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.</p>	Chapters 7 to 16
<p>8. A description of the likely significant effects of the development on the environment resulting from, inter alia:</p> <ul style="list-style-type: none"> a. the construction and existence of the development, including, where relevant, demolition works; b. the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources; c. the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste; d. the risks to human health, cultural heritage or the environment (for example due to accidents or disasters); 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; 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; g. the technologies and the substances used 	Chapters 7 to 16
<p>9. 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.</p>	Chapter 3
<p>10. A description of the 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.</p>	Chapters 7 to 16

11. 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.	Chapter 4 and Chapter 12
12. A non-technical summary of the information provided under paragraphs 1 to 8.	Volume 3
13. A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.	

1.4 Other Planning Documents

A number of other documents have been submitted to NCC as part of the planning application including:

- Planning Statement;
- Design and Access Statement;
- R1 Assessment; and
- Community Engagement Strategy.

1.5 Project Team

Paragraph 5 (a)(b), Regulation 18 of the EIA Regulations 2017 states:

“(5) In order to ensure the completeness and quality of the environmental statement— (a) the developer must ensure that the environmental statement is prepared by competent experts; and (b) the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts.

The EIA has been coordinated by Environmental Resources Management (ERM) Limited in conjunction with a number of specialist consultants as listed in **Table 1.2**. ERM is one of a select group of consultancies that have been awarded the Institute of Environmental Management and Assessment’s (IEMA) EIA Quality Mark, which demonstrates service-excellence in the production and management of ESs/EIAs. ERM’s EIA activity is independently reviewed by IEMA on an annual basis to ensure the requirements of the Quality Mark continue to be met.

Table 1.2 EIA Project Team

Organisation	Role
Corby Limited	The Applicant
Cobalt Energy Limited	Technical Advisor, Design and Engineering, Project Description, Construction Programme, R1 Assessment.
ERM Limited	EIA coordination, Air Quality, Noise, Water Quality and Hydrology, Soils, Geology and Land Contamination, Waste Management and Historic Environment.
Iceni Planning	Planning
Sightline Limited	Townscape and Visual Assessment, Landscape Plan
Keystone Environmental Limited	Ecology
Entran Limited	Transport Assessment

1.6 References

Ref 1.1: Her Majesty’s Stationery Office (HMSO) (2017) The Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (SI 2017 No. 571)