

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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Dunbia (UK)

Dunbia Carnaby  
Lancaster Road  
Carnaby  
Bridlington  
East Yorkshire  
YO15 3QY

**Variation application number**

EPR/LP3830BC/V004

**Permit number**

EPR/LP3830BC

# Dunbia Carnaby

## Permit number EPR/LP3830BC

### Introductory note

#### **This introductory note does not form a part of the notice**

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

This variation authorises the following changes:

- The incorporation of the onsite Effluent Treatment Plant (ETP) and proposed upgrades under activity AR2.
- Addition of a skins and hides processing facility as a directly associated activity (DAA).
- Addition of a 1.9 MWth natural gas fired boiler (emission point A4).
- Addition of an LPG tank.
- Addition of an underground SuDs tank for the surface water discharge.
- Addition of carbon filter as odour abatement for the ETP (emission point A5).

The permit has been reviewed against the requirements of the Medium Combustion Plant Directive (MCPD) for 2025 and 2030 and relevant conditions and monitoring requirements.

There are no other changes to the remainder of the installation.

The main features of the permit are as follows.

The Installation site covers an area of approximately 12 acres and is located approximately 6km south-west of Bridlington town centre, in an area of light industrial development and agricultural land. The Installation produces beef and lamb meat. All meat products are produced from live animals, which are slaughtered on site. Meat products consist of whole carcasses and joints packaged for retail consumption.

On arrival at the site all animals are unloaded to the lairage area where they are checked and logged. Lairage manure is stored on site along with undigested cattle gut content. It is removed from site for composting at a farm and is then spread on land.

The animals are transferred from the lairage area to the stun box via a race. Beef animals are killed using captive bolt and lamb animals are killed using electric shock. Both the beef and lamb animals are then butchered to the full carcase stage. This process creates blood and animal by-products, which are specified as Category 1 (Specified Risk Material) waste plus Category 2 and 3 wastes. All such wastes are collected and stored separately prior to removal. The blood and Category 1 material is sent for incineration and the Category 2 and 3 materials are sent for rendering. The complete carcasses are chilled to customer specification. Some chilled carcasses are dispatched direct to the customer and the remainder are sent for de-boning.

The de-boning process consists of processing the carcasses to produce the customer specified products. Each product is put in a vacuum-packed pouch, which is processed to remove the atmosphere. The packed products are then passed through a metal detector and a shrink tunnel, which uses water which has been electrically heated to 80°C. Packaged products are accompanied with a variety of sauces. All packaged products are chill stored prior to dispatch.

The skins and hides processing facility is for trimming, salting and icing of hides and skins according to customer requirements. Process effluent contained internally and directed to an underground effluent tank, prior to removal off-site. Rainwater from the facility's roof will be captured to be used for washing activities, other surface water drainage will connect into the existing surface water drainage.

The site has a 1.9 MWth natural gas boiler to provide utilities and services such as steam and hot water. There are also three other boilers, with an aggregated thermal input of 1.67 MWth, to be used for back-up contingency only.

There is an on-site effluent treatment plant (ETP) comprising of a screen, a balance tank (800m<sup>3</sup>), a sludge tank (40m<sup>3</sup>) and a dissolved air floatation (DAF) unit. The ETP has carbon filter odour abatement for the balance and sludge tanks. The ETP discharges to Yorkshire Water Bridlington Sewage Treatment Works under an existing discharge consent, with a discharge volume of up to 400,000 litres per day. Uncontaminated surface water run-off from the site discharges via an underground SuDs tank to Earl Dyke.

Water is supplied from a borehole and from the mains. Borehole water is used for processing purposes only. Mains water is used for domestic purposes and for processing purposes where required.

There is one Special Areas of Conservation (SAC) and two Special Protection Areas (SPA) within 10km of the installation. In addition, there is one other nature conservation sites within 2km comprising of a Local Wildlife Site (LWS). An assessment of the impact of emissions has been carried out and the installation is considered to have no adverse effect on the nature conservation sites.

The installation includes combustion facilities that fall under the requirements of the Medium Combustion Plant Directive. The total thermal input capacity of such combustion units is 1.9MWth.

The site is subject to a Climate Change Levy Agreement.

This permit implements the requirements of the European Union Directive on Industrial Emissions

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Permit determined EPR/LP3830BC/A001	06/06/2005	Permit issued to Dawn Meats (U.K) Limited
Application EPR/LP3830BC/V002 (variation)	Duly made 07/07/2014	Application to vary the permit to remove emission limits and amend reporting requirements
Variation determined EPR/LP3830BC	31/07/2014	Varied permit issued
Notified of change of company name and site name	30/05/2018	Company name changed to Dunbia (UK) and site name changed to Dunbia (Carnaby)
Variation issued EPR/LP3830BC/V003	01/06/2018	Varied permit issued to Dunbia (UK)
Application EPR/LP3830BC/V004 (variation and consolidation)	Duly made 03/07/24	Application to vary the permit to add a new hides processing facility, add an LPG tank, a 1.9MWth natural gas boiler, upgrade the onsite ETP and change the company registered address.
Additional information received	19/08/2024	Confirmation of addition of carbon filter odour abatement for ETP
Additional information received (Response to Schedule 5 Notice issued 06/09/2024)	04/10/24 and 22/10/2024	The following information was received as part of the Schedule 5 response: details regarding the design and controls of the ETP upgrades, the ETP chemicals, the carbon filters and proposed monitoring, skins and hides processing facility

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
		drainage and effluent storage, and the SuDS tank design and maintenance. Updated Technical Standards and site plans.
Additional information received	14/11/2024	Details regarding the ETP chemicals usage and the ETP discharge.
Variation determined and consolidation issued EPR/LP3830BC	13/01/2025	Varied and consolidated permit issued in modern format

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

### Permit number

EPR/LP3830BC

### Issued to

**Dunbia (UK)** (“the operator”)

whose registered office is

**The Summit**

**Pynes Hill**

**Exeter**

**England**

**EX2 5WS**

company registration number 03382084

to operate a regulated facility at

**Dunbia Carnaby**

**Lancaster Road**

**Carnaby**

**Bridlington**

**East Yorkshire**

**YO15 3QY**

to the extent set out in the schedules.

The notice shall take effect from 13/01/2025.

<b>Name</b>	<b>Date</b>
Stacey Tapsell	13/01/2025

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/LP3830BC**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LP3830BC/V004 authorising,

**Dunbia (UK)** (“the operator”),

whose registered office is

**The Summit**

**Pynes Hill**

**Exeter**

**England**

**EX2 5WS**

company registration number 03382084

to operate an installation at

**Dunbia Carnaby**

**Lancaster Road**

**Carnaby**

**Bridlington**

**East Yorkshire**

**YO15 3QY**

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Stacey Tapsell	13/01/2025

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

### 1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.



## **2 Operations**

### **2.1 Permitted activities**

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

### **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

### **2.3 Operating techniques**

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.1.4 For the following activities referenced in schedule 1, table S1.1 (AR8) the first monitoring measurements shall be carried out within four months of the issue date of the permit or of the date when the MCP is first put into operation, whichever is later.

## **3.2 Emissions of substances not controlled by emission limits**

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## **3.3 Odour**

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

## **3.4 Noise and vibration**

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.5 Monitoring**

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1, S3.2 and S3.3.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall

have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2, and S3.3 unless otherwise agreed in writing by the Environment Agency.

## **3.6 Pests**

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
  - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

# **4 Information**

## **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
  - (b) the annual production/treatment data set out in schedule 4 table S4.2; and

- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

### **4.3 Notifications**

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
  - (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
  - (b) any steps taken with a view to the dissolution of the operator.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
  - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
  - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
  - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	Section 6.8 Part A (1)(b)	Slaughtering animals at plant with a carcass production capacity of more than 50 tonnes per day.	From receipt of livestock (cattle and lamb) through to the dispatch of carcasses and packaged portions. Production capacity is limited to 185 tonnes per day.
AR2	Section 5.4 Part A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment	From generation of wastewater to treatment and discharge to foul sewer. Treatment including screening, balancing, a sludge tank and a DAF (dissolved air floatation) unit.
<b>Directly Associated Activity</b>			
AR3	Raw materials and livestock storage and handling	Storage and handling of raw materials and livestock	Receipt and storage of cattle, lambs and raw materials prior to transfer to processing areas.
AR4	Carcass chilling	Carcass chilling	Receipt of carcasses from slaughtering and butchering process through to dispatch to de-boning process or customer.
AR5	De-boning and portioning of carcasses	De-boning and portioning of carcasses	Receipt of carcasses from carcass chilling through to quality assurance. Production capacity up to 75 tonnes per day.
AR6	Packing and dispatch	Packing and dispatch	Receipt of portions from quality assurance to final dispatch to customer.
AR7	Waste storage and handling	Storage and handling of waste materials	From generation of waste to storage pending removal for disposal or recovery.
AR8	Supply of steam and hot water	<p><u>Medium combustion plant:</u> 1.9 MWth natural gas fired containerised boiler (emission point A4)</p> <p><u>Other combustion plant:</u></p> <ul style="list-style-type: none"> <li>• Cradley Boiler (0.732 MWth natural gas boiler)</li> <li>• Boiler No.1 (0.469 MWth gas oil boiler)</li> </ul>	From receipt of fuel to release of products of combustion to air. Cradley boiler, boiler No.1 and No.2 to be utilised for back-up purposes only. Not to be in operation at the same time as the MCP.

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
		<ul style="list-style-type: none"> <li>Boiler No.2 (0.469 MWth gas oil boiler) (emission points A1-A3).</li> </ul>	
AR9	Cleaning programme	Cleaning of process equipment according to hygiene requirements, using proprietary chemical cleaning systems	Cleaning activities post-production runs, including disposal of waste arising.
AR10	Hides processing facility	Trimming, salting and icing of hides	Receipt of hides to final dispatch to customer. Production capacity up to 50 tonnes per day.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/LP3830BC/A001	The response to questions 2.1 and 2.2 are given in section 1, 2, 3, 4 and 5 (and all other Application documentation references from these sections) of the Application.	16/08/2004
Application EPR/LP3830BC/V004	Responses to Part C2 and C3 of the application form and referenced supporting documentation. Additional information received in response to not duly made request, including receipt of the following documents: <ul style="list-style-type: none"> <li>H1 risk assessment tool</li> <li>H1 Screening Assessment Report</li> </ul>	Duly Made 03/07/2024
Response to Schedule 5 Notice dated 06/09/2024	Answers relating to the design and controls of the ETP upgrades, the ETP chemicals, the carbon filters and proposed monitoring, skins and hides processing facility drainage and effluent storage, and the SuDS tank design and maintenance. Updated Technical Standards and site plans.	04/10/2024 and 22/10/2024
Additional information requested 31/10/2024	Answers relating to the ETP chemicals usage and the ETP discharge.	14/11/2024

## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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## Schedule 3 – Emissions and monitoring

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A1 [Point A1 on emissions plan in Schedule 7]	Boiler plant (Cradley Boiler) 0.732 MWth natural gas	No parameters set	No limit set	--	--	--
A2 [Point A2 on emissions plan in Schedule 7]	Boiler plant (Boiler No.1) 0.469 MWth gas oil	No parameters set	No limit set	--	--	--
A3 [Point A3 on emissions plan in Schedule 7]	Boiler plant (Boiler No.2) 0.469 MWth gas oil	No parameters set	No limit set	--	--	--
A4 [Point A4 on emissions plan in Schedule 7]	Boiler plant (Containerised Boiler) 1.9 MWth natural gas	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	100 mg/m <sup>3</sup>	Periodic	Every three years	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years	MCERTS BS EN15058
A5 [Point A5 on emissions plan in Schedule 7]	Static carbon filter abating odour on ETP balance and sludge tanks	Visual inspection of carbon pellets	Any damp or saturation of carbon pellets	Periodic	Monthly	--

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. unit)</b>	<b>Reference Period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
W1 [Point W1 on emissions plan in Schedule 7] emission to Earle Dyke	Uncontaminated surface water via an underground SuDs tank	No parameters set	No limit set	--	--	--

**Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site—  
emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 [Point S1 on emissions plan in Schedule 7] emission to Yorkshire Water Bridlington Sewage Treatment Works	Site effluent treatment plant	No parameters set	No limit set	--	--	--

## Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Point source emissions to air Parameters as required by condition 3.5.1	A4	First monitoring undertaken in accordance with Condition 3.1.4 to be reported within 3 months, and then every 3 years thereafter.	From first monitoring requirements in accordance with Condition 3.1.4
	A5	Every 6 months	1 January, 1 July

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Total site production (animals processed)	tonnes
Effluent treated	m <sup>3</sup>

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Waste – recovery/disposal routes	Annually	tonnes
Usage of refrigerant	Annually	kg/year
Other performance parameters	Annually	tonnes per production unit

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 13/01/2025
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 13/01/2025
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 13/01/2025
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 13/01/2025

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Measures taken, or intended to be taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the breach of permit conditions not related to limits</b>	
<b>To be notified within 24 hours of detection</b>	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

## **Part B – to be submitted as soon as practicable**

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

Pests” means Birds, Vermin and Insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

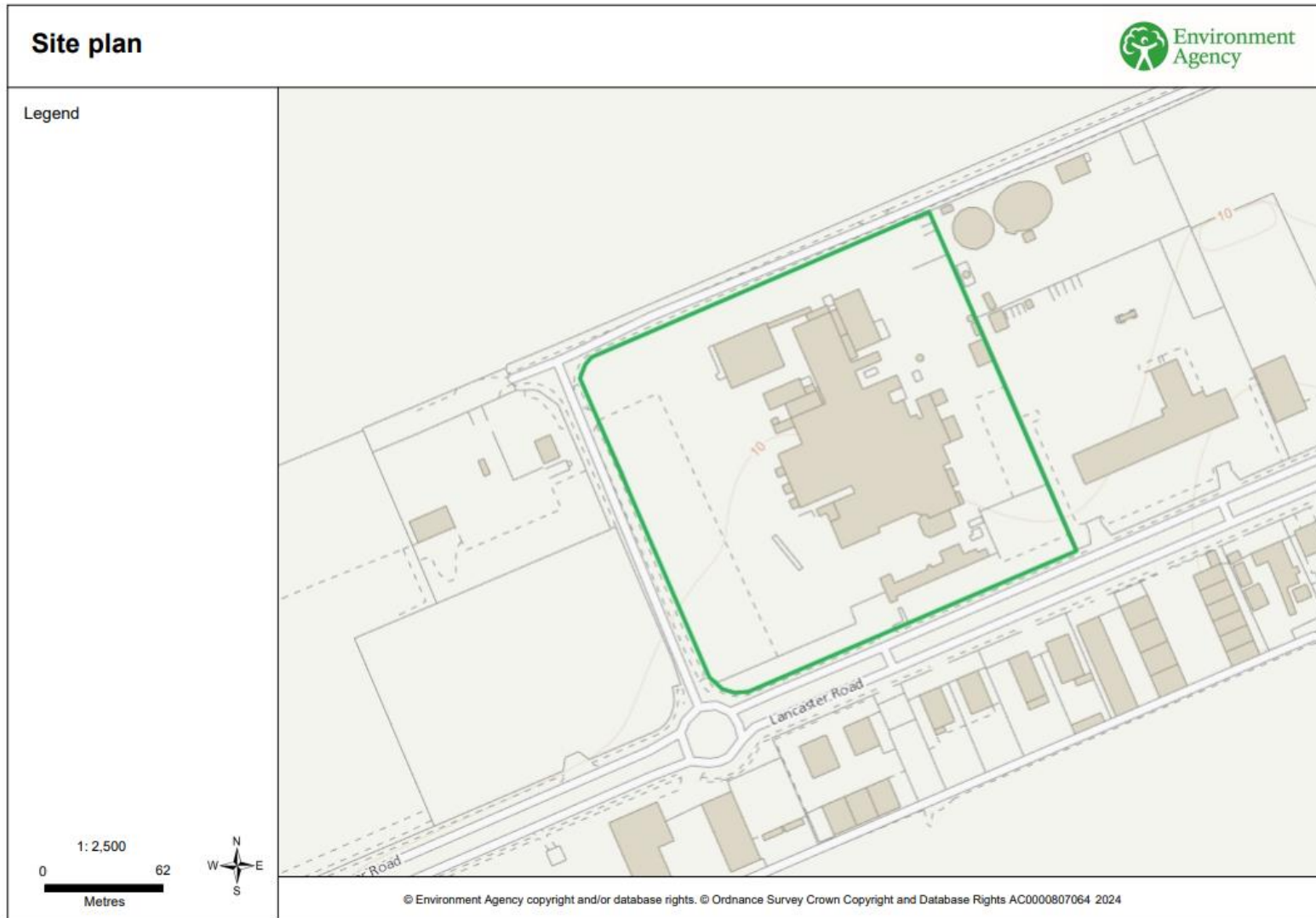
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content .

“year” means calendar year ending 31 December.

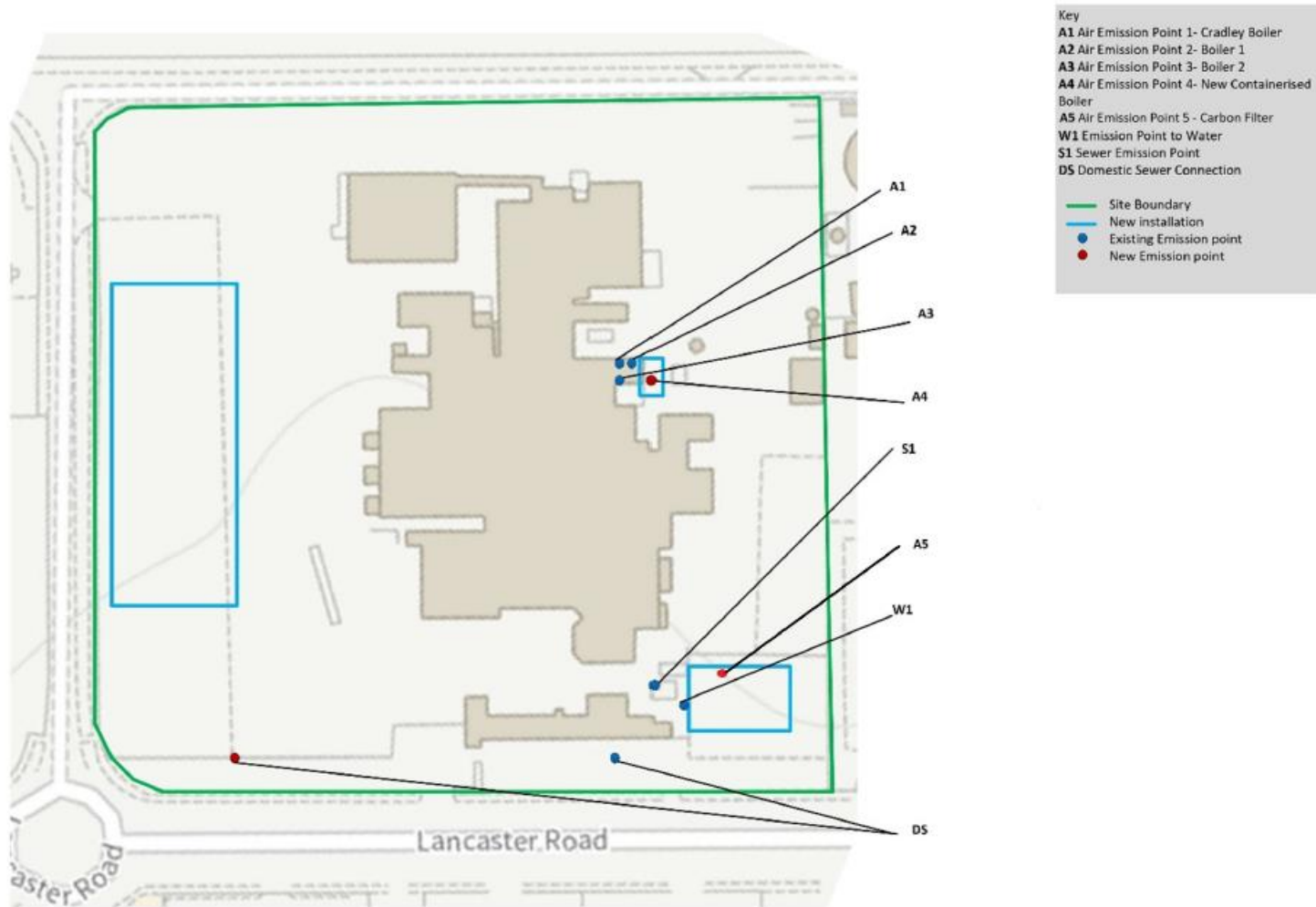
# Schedule 7 – Site plan

Site plan - showing installation boundary as referred to in condition 2.2.1





Site emissions plan



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END OF PERMIT

## Emissions to Air Reporting Form

**Permit number:** EPR/LP3830BC

**Operator:** Dunbia (UK)

**Facility name:** Dunbia Carnaby

**Emissions to Air Reporting Form: version 1, 13/01/2025**

Reporting of emissions to air for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

<b>Emission point</b>	<b>Substance / parameter</b>	<b>Emission Limit Value</b>	<b>Reference period</b>	<b>Test method <sup>1</sup></b>	<b>Result <sup>2</sup></b>	<b>Sample dates and times <sup>3</sup></b>	<b>Uncertainty <sup>4</sup></b>
<i>[e.g. A1]</i>	<i>[e.g. Oxides of nitrogen (NO and NO<sub>2</sub> expressed as NO<sub>2</sub>)]</i>	<i>[e.g. 200 mg/m<sup>3</sup>]</i>	<i>[e.g. daily average]</i>	<i>[e.g. BS EN 14181]</i>	<i>[State result]</i>	<i>[State relevant dates and time periods]</i>	<i>[State uncertainty if not 95% confidence interval]</i>

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- <sup>1</sup> Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- <sup>2</sup> Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- <sup>3</sup> For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- <sup>4</sup> Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

## Water Usage Reporting Form

**Permit number:** EPR/LP3830BC

**Operator:** Dunbia (UK)

**Facility name:** Dunbia Carnaby

**Water Usage Reporting Form: version 1, 13/01/2025**

Reporting of water usage for the year [YYYY]

Water source	Water usage (m <sup>3</sup> )	Specific water usage (m <sup>3</sup> /unit) <sup>2</sup>
Mains water	<i>[insert annual usage in m<sup>3</sup> where mains water is used]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where mains water is used]</i>
Site borehole	<i>[insert annual usage in m<sup>3</sup> where water is used from a site borehole]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where water is used from a site borehole]</i>
River abstraction	<i>[insert annual usage in m<sup>3</sup> where abstracted river water is used]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where abstracted river water is used]</i>
Other – <i>[specify other water source where applicable. Add extra rows where needed]</i>	<i>[insert annual usage in m<sup>3</sup> where applicable]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m<sup>3</sup>]</i>	<i>[insert total annual water usage in m<sup>3</sup>/unit]</i>

### Operator's comments

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

## Energy Usage Reporting Form

**Permit number:** EPR/LP3830BC

**Operator:** Dunbia (UK)

**Facility name:** Dunbia Carnaby

**Energy Usage Reporting Form: version 1, 13/01/2025**

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) <sup>2</sup>
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	<i>[insert annual consumption in MWh/unit where heat is imported]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>
Electricity exported	<i>[insert annual production in MWh where electricity is exported]</i>	Not applicable
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

<b>Operator's comments</b>

**Signed:**     *[Name]*

**Date:**       *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

<sup>1</sup> Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

<sup>2</sup> Divide energy consumption by an appropriate unit of raw material processed or product output.

### Other Performance Parameters Reporting Form

**Permit number:** EPR/LP3830BC  
**Facility name:** Dunbia Carnaby

**Operator:** Dunbia (UK)  
**Other Performance Parameters Reporting Form: version 1, 13/01/2025**

Reporting of other performance parameters for the period from [DD/MM/YY] to [DD/MM/YY]

Parameter	Units
<i>[e.g. Total raw material usage]</i>	<i>[e.g. tonnes per production unit]</i>
Total site production (animals processed)	tonnes
Effluent treated	m <sup>3</sup>
Waste sent for recovery (specify route)	tonnes
Waste sent for recycling (specify route)	tonnes
Total product waste sent for disposal (specify route)	tonnes
Usage of refrigerant	kg/year

<b>Operator's comments</b>



**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report the performance parameters (other than water and energy) required by your permit. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.