

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Dunbia (UK)

**Teify Park Abattoir and Meat
Processing Plant
Teify Park
Lampeter Road
Llanybydder
Carmarthenshire
SA40 9QE**

Permit number

EPR/BV9683IH

Teify Park Abattoir and Meat Processing Plant

Permit number EPR/BV9683IH

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

This installation is permitted to slaughter bovine animals, sheep, goats and calves and process carcasses and skins. The site operates an effluent treatment plant which discharges to the sewer. It also discharges uncontaminated surface water to the Afon Teify. The site operates refrigeration equipment.

The site operates a gas oil fuelled hot water boiler at emission point A3, with a thermal input of 2.5 MWth, this is classed as a new Medium Combustion Plant (MCP) as defined in the Medium Combustion Plant Directive.

The installation is within 2 km of the Afon Teify SAC and SSSI, Lyn Pencarreg SSSI and Corsydd A Rwyth Cillybaldd SSSI.

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

Status log of the permit

Description	Date	Comments
Application BV9683IH	Received 18/08/04	
Request for information	17/02/05	Information received
Permit determined	04/07/05	
Variation application EPR/BV9683IH/V002	Duly made 10/10/08	
Request for information	02/02/09	Information received on 27/02/09
Operator request to amend application	14/05/09	
Variation determined EPR/BV9683IH/V002	15/06/09	
Variation application EPR/BV9683IH/V003	28/02/13	
Variation application EPR/BV9683IH/V003 issued	13/06/13	Varied and consolidated permit issued to Dunbia (Wales)
Variation application received PAN-012504	21/12/2020	Substantial variation application including addition of bovine animals to slaughtering activity and other changes
Variation application received PAN-014432	11/06/2021	Variation to change installation boundary for discharge to river
Variation application PAN-012504	25/06/2021	Request for additional information
Transfer application received PAN-014618	06/07/2021	
Additional information received	20/08/2021	Information received for application PAN-012504
Transfer determined EPR/BV9683IH/T004	07/10/21	Full transfer of permit complete.
Variation determined EPR/BV9683IH/V005	07/10/21	Varied permit issued.
Variation determined EPR/BV9683IH/V006	18/01/22	Varied permit issued.
Variation Application received PAN-023541 (EPR/BV9683IH/V007)	16/10/2024	Variation to add a new hot water boiler (MCP) one electric powered steam boiler, one air source heat pump, storage tank for white diesel, and relocation of crate wash.
Additional information received PAN-023541 EPR/BV9683IH/V007	Duly Made 02/05/2024	Updated site plan and information on proposed equipment

Additional Information Received in response to a Schedule 5 Notice served on 13/06/2024	09/09/2024	Air quality assessment for the new MCP and risk assessment for white diesel storage tank
Variation Determined EPR/BV9683IH/V007	11/12/2024	Varied permit issued to Dunbia (UK)

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number
EPR/BV9683IH

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BV9683IH/V007 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

**Teify Park Abattoir and Meat Processing Plant
Teify Park
Lampeter Road
Llanybydder
Carmarthenshire
SA40 9QE**

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

Signed

Date

Holly Noble	11/12/2024
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Authorised on behalf of Natural Resources Wales

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 For the following activities referenced in schedule 1, table S1.1 (A1 to A10) 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 For the following activities referenced in schedule 1, table S1.1 (A1 to A10) 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 red on the site plan at schedule 7 to this permit.
- 2.2.2 For the following activity, reference A5 in schedule 1, table S.1.1 no MCP shall be operated beyond the site, being the land shown edged in red on the site plan in Schedule 7.

2.3 Operating techniques

- 2.3.1 (a) For the following activities referenced in schedule 1, table S1.1 (A1 to A4 and A6 to A10), 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 Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.3 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.
- 2.3.4 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.
- 2.3.5 For the following activity reference A5 in schedule 1, table S1.1 the activity shall be operated using the techniques and in the manner described in schedule 1, table S1.2A.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by Natural Resources Wales.
- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

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.

3.2 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Natural Resources Wales, 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Pests

- 3.5.1 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.
- 3.5.2 The operator shall:
- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales

3.6 Monitoring

- 3.6.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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;
- 3.6.2 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.

- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.6.4 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 Natural Resources Wales.
- 3.6.5 For the following activity reference A5 in schedule 1, table S1.1, the first monitoring measurements will be carried out within four months of the issue date of the permit variation or the date when the MCP is put into operation whichever is later.
- 3.6.6 For the following activity, reference A5 in schedule 1, table S1.1 monitoring shall not take place during periods of start up or shut down.

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 Natural Resources Wales, 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 Natural Resources Wales.
- 4.1.3 For the following activity referenced A5 in Schedule 1, table S1.1 the operator shall maintain a record of the type and quantity of fuel used and the total annual hours of operation for the MCP.
- 4.1.4 For the following activity referenced A5 in Schedule 1, table S1.1 the operator shall maintain a record of any events of non-compliance and the measures taken to ensure compliance is restored in the shortest possible time

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 (A1 to A4 and A6 to A10) A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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 Natural Resources Wales, 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 Natural Resources Wales, 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.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to Natural Resources Wales using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

- 4.3.1 (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately—
- (i) inform Natural Resources Wales, and

- (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) in the event 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 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) Natural Resources Wales 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 Natural Resources Wales 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, Natural Resources Wales 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
A1	Section 6.8 Part A(1)(b) "slaughtering animals at a plant with a carcass capacity of more than 50 tonnes per day"	Slaughtering of bovine animals, sheep, goats and calves	Receipt of raw materials to despatch of finished product.
A2	Section 6.8 Part A(1)(d)(i) "Treating and processing material intended for the production of food products from animal raw materials (other than milk) at a plant with finished production capacity of more than 75 tonnes per day"	Processing animal carcasses, including hides, skins and tripe.	Receipt of raw materials to despatch of finished product.
A3	Section 5.4 Part A(1)(a)(i) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving biological treatment.	Treatment of process effluent (aerobic biological cell)	Receipt of site effluent from DAF unit to dispatch to sewer or to River Teify.
A4	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.	Treatment of process effluent (Dissolved air flotation unit)	Receipt from balance tank to discharge into aerobic biological cell

Medium Combustion Plant

Activity reference	Activity listed in the EP Regulations	Description of Medium Combustion Plant and/or Specified Generator	Fuel	Operating hours limit per year
A5	Schedule 25A – Medium Combustion Plant as detailed in Schedule 8	1 No. 2.5MWth input hot water boiler fuelled on gas oil	Gas Oil	8760 (Operating hours not restricted)

Table S1.1 activities

Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Directly Associated Activity			
A6	Discharge to surface water		From collection to discharge into River Teify, via drainage ditch.
A7	Refrigeration		Refrigeration of carcasses, wastes and finished products.
A8	Storage of 5000L white diesel		For occasional refuelling of lorries Secondary containment 110% bunded.
A9	Electric powered steam boiler		
A10	Air source heat pump		

Table S1.2 Operating techniques

Description	Parts	Date Received
Application EPR/BV9683IH/A001	The response to questions 2.1 and 2.2 given in section B2.1.24 – B2.1.32, B2.2.45-B2.2.51, B2.3.1-B2.3.4, B2.10.9-B2.10.13, B2.10.19, B2.10.23 of the application.	18/08/04
Improvement Programme Reports	Letter dated: 27 January 2006 Ref: Oriel Jones and Sons Ltd IPPC Permit BV9683IH Improvement Condition 1.	27/01/06
Improvement Programme Reports	29 March 2006 Ref: Oriel Jones and Sons Ltd IPPC Permit BV9683IH Improvement Condition 2	29/03/06
Improvement Programme Reports	29 September 2006 Re: Pollution Prevention and Control (England and Wales) Regulations 2000 Condition 4	29/09/06
Variation Application EPR/BV9683IH/V002	The complete variation application and supporting documentation with the exception of effluent discharge to river until authorised in writing by Natural Resources Wales	10/10/08
Requested further information	Schedule 5 response including H1 Justification of BAT, Odour, Accident Management Plan and Infrastructure and assessment of water discharges.	27/02/09
Requested change of application	Request received from applicant to alter effluent final discharge from river to sewer	14/05/09

Table S1.2 Operating techniques

Description	Parts	Date Received
Variation Application EPR/BV9683IH/V003	All	28/02/13
Variation application supporting documents	Application form part Part C3 and referenced supporting documents	21/12/2020
Noise Management Plan	All	20/08/2021
Odour Management Plan	All	20/08/2021
LLA-TANK21 Updated Tank Construction Details	All	20/08/2021
Variation Application EPR/BV9683IH/V007 LLANEPV-C2-6 V3 Environmental Risk Assessment	Spill Response Instructions Site Environmental Risk Assessment and Response Plan Interceptor and Spillage Response Procedure Chemical Storage and Handling Procedures Training of Operators Fire Management Plan Emergency Response Procedure Accident Management Plan and Emergency Response Procedure Noise Management Plan Planned Maintenance Schedule	24/06/2024
Variation Application EPR/BV9683IH/V007 EMS	Environmental and Energy Policies Planned preventative maintenance system	16/10/2023
Variation Application EPR/BV9683IH/V007 Noise Management Plan	Noise Management Plan	16/10/2023

Table S1.2A Operating techniques for Medium Combustion Plant as detailed in Schedule 8

Description
Each MCP must be operated in accordance with the manufacturer's instructions and records must be made and retained to demonstrate this
The operator must keep periods of start-up and shut-down of each MCP as short as possible
There must be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	Report to be submitted to NRW demonstrating that the containment systems and supply lines constructed on site meet CIRIA guidance C736 'Containment systems for the prevention of pollution' for the new white diesel storage tank and plant room. The report shall include but not be limited to: <ul style="list-style-type: none"> • A CIRIA risk assessment carried out by a suitably qualified engineer. • Outline where the containment measures have been linked to the sites Environment Management System (EMS) for the new white diesel storage tank, the new gasoil boiler and the air source heat pump. • An updated drainage plan 	Within 6 months of issue of variation V007 or before operation, whichever is sooner.
IC2	Confirmation that the Operation Techniques are updated in line with the operator's Environmental Management System and risk assessment for the new white diesel storage tank, the new gas oil boiler, the new electric powered steam boiler and the new air source heat pump.	Within 6 months on the of issue of variation V007

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for the Effluent Treatment Plant

Maximum quantity The annual throughput of the Effluent Treatment Plant shall not exceed 32500 tonnes.

Waste code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01	sludges from washing and cleaning

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A3 on site plan in Schedule 7	2.5MWth gas oil fired boiler	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	200 mg/Nm ³	In line with web guide: Monitoring stack emissions: low risk MCPs and specified generators	Every 3 years	In line with web guide: Monitoring stack emissions: low risk MCPs and specified generators
		Carbon Monoxide	No limit set	In line with web guide: Monitoring stack emissions: low risk MCPs and specified generators	Every 3 years	In line with web guide: Monitoring stack emissions: low risk MCPs and specified generators

Note 1: Monitoring requirements are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 6 % for solid fuels, 15 % for engines and gas turbines and 3 % all other MCPs

Note 2: As per condition 3.6.5, the first monitoring measurements will be carried out within four months of the issue date of the permit variation or the date when the MCP is first put into operation whichever is later

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 (to River Teify via drainage ditch)	Uncontaminated surface water discharge	No parameter set	No limit set			
W2 (to river Teify via discharge pipe)	Effluent treatment plant	Biological Oxygen Demand (BOD)	30 mg/l	24 hour flow	Weekly	BS6068-250:1995
		pH	6 to 9	24 hour flow	Daily	On-line pH electrode/ meter
		Ammonia	10 mg/l	24 hour flow	Weekly	BSENISO 11732:1997
		Total Suspended solids	50 mg/l	24 hour flow	Weekly	HMSO ISBN 011751957X
		Volume/Flow rate	630 m ³ /day	24 hour flow	Continuous	On-line flow meter

Note¹ Or other monitoring standard or method as agreed in writing with Natural Resources Wales

Table S3.3 Point source emissions to sewer – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1	Effluent treatment plant	Ammonia	500 mg/l	Spot sample	Quarterly	EN ISO 11732:1997
		BOD	6000 mg/l	Spot sample	Quarterly	BS EN 1899-1 (1996)
		Effluent flowrate	No limit set	Spot sample	Daily	Online flow meter
		pH	6 - 9	Spot sample	Monthly	BS 6068-2.50:1995, ISO 10523:1994

Note¹ Or other monitoring standard or method as agreed in writing with Natural Resources Wales

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Effluent Flowrate (m ³ /day)	S1	Annually	01/01/06
BOD	S1	Annually	01/01/06
Ammonia	S1	Annually	01/01/06
pH	S1	Annually	01/01/06
Biological Oxygen Demand (BOD)	W2	Quarterly	13/06/13
pH	W2	Quarterly	13/06/13
Ammonia	W2	Quarterly	13/06/13
Total Suspended Solids	W2	Quarterly	13/06/13
Volume/Flow rate (m ³ /day)	W2	Quarterly	13/06/13
Emissions to air parameters as required by condition 3.6.1.	A3	Every 3 years	11/12/24

Table S4.2: Annual production/treatment	
Parameter	Units
Slaughtering of animals	Tonnes
Primal Cuts and Retail Packs Production	Tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Mains water usage	Annually	m ³
Borehole water use	Annually	m ³
Effluent discharge to sewer	Annually	m ³
Effluent discharge to Teify	Annually	m ³
Energy usage	Annually	Mw/h
Waste disposal and/or recovery	Annually	Tonnes
Imported Effluent	Annually	m ³

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by Natural Resources Wales	11/12/24
Water and Land	Form water 1 or other form as agreed in writing by Natural Resources Wales	13/06/13
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	13/06/13
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	13/06/13

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	13/06/13
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	13/06/13

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	

(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified within 24 hours of detection	
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) Notification requirements for the breach of a permit condition	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) In the event 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:

To be notified within 24 hours of detection

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 Natural Resources Wales 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.

“*background concentration*” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“*disposal*”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“*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 or background concentration limit..

“*first put into operation*” means that the plant must have been fired with its design fuel up to its full load. This can be, but does not have to be, during commissioning

“*gas oil*” includes diesel and is defined in Article 3(19) of the MCPD

“*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.

“*hazardous property*” has the meaning in Annex III of the Waste Framework Directive

“*hazardous waste*” has the meaning given in the Hazardous Waste (Wales) Regulations 2005 (as amended)

“*hazardous substance*” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008

“*Industrial Emissions Directive*” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“*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 of the limitation of emissions of certain pollutants into the air from medium combustion plants.

“*operating hours*” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

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 Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

“year” means calendar year ending 31 December.

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:

- (a) 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
- (b) 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.

Schedule 8 – Annex I of MCPD

1. Rated thermal input (MW) of the medium combustion plant.	2.5 MW
2. Type of the medium combustion plant (diesel engine, gas turbine, dual fuel engine, other engine or other medium combustion plant).	Other Medium Combustion Plant
3. Type and share of fuels used according to the fuel categories laid down in Annex II.	Gas Oil
4. Date of the start of the operation of the medium combustion plant or, where the exact date of the start of the operation is unknown, proof of the fact that the operation started before 20 December 2018.	New MCP (Date of issue of Variation V007)
5. Sector of activity of the medium combustion plant or the facility in which it is applied (NACE code).	1011
6. Expected number of annual operating hours of the medium combustion plant and average load in use.	8760
7. Where the option of exemption under Article 6(3) or Article 6(8) is used, a declaration signed by the operator that the medium combustion plant will not be operated more than the number of hours referred to in those paragraphs.	N/A
8. Name and registered office of the operator and, in the case of stationary medium combustion plants, the address where the plant is located.	Registered Officer Dunbia(UK) The Summit Pynes Hill Exeter England EX2 5WS Site of MCP Teify Park Abattoir and Meat Processing Plant Teify Park Lampeter Road Llanybydder Carmarthenshire SA40 9QE

END OF PERMIT