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Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Solway Foods Limited

**RF Brookes
Rogerstone Park
Azalea Road
Newport
NP10 9SA**

Permit number
EPR/UP3237CP

RF Brookes

Permit number EPR/UP3237CP

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Solway Foods limited produce and supply chilled and frozen foods. They have the capacity to produce 120 tonnes per day, therefore the installation is listed under section 6.8 part A(1)(d)(iii) "Treating and processing material intended for the production of food products from animal raw materials (other than milk) at plant with finished production capacity of more than 75 tonnes per day.

There are 10 point sources of emissions to air from the installation listed as Emission points A1-A6 and A8-A11 (A7 yorkshire pudding oven was decommissioned and removed from the permit in 2021 variation V006).

Emission Point A10 is a Combined Heat & Power (CHP) plant, housed in its own building, located within the existing Installation boundary. The plant has a thermal input of 6.075 MWth and will be fuelled by natural gas. As the CHP is new plant it is subject to the requirements of the Medium Combustion Plant (MCP) Directive. The plant is a MCP and excluded Specified Generator (SG) (Tranche B) and is listed as an emission point (A10).

Emission points A1-A6 A8-A9 and A11 are from natural gas boilers and combustion plant on site which provide steam and primary heat to process which are at present not subject to the medium combustion plant directives as such these are monitored but do not have ELVs in place. Nitrogen oxides, carbon monoxide and carbon dioxide are all released to air. These releases have been assessed as insignificant following use of the Environment Agency's H1 screening tool.

Emissions to sewer are within the effluent discharge consent from welsh water. There is no direct discharge of process effluent to surface water. Surface run off is released to controlled water via interceptors. There are no groundwater or land emissions from the installation.

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 BP3007IM	Received 02/09/2004	
Additional information requested	13/12/2004	
Additional information received	14/12/2004	
Additional information requested	07/02/2005	

Additional information received	22/02/2005	
Additional information requested	10/03/2005	
Additional information received	15/03/2005	
Permit determined	29/04/2005	
Variation application TP3030XS	Received 04/10/2007	
Variation notice TP3030XS issued	21/12/2007	
Transfer application LP3035XM	Received 04/10/2007	
Additional information received	07/01/2008	
Transfer determined EPR/LP3035XM	30/01/2008	
Transfer application EPR/UP3237CP/T001 (full transfer of permit EPR/LP3035XM)	Duly Made 09/08/2012	Application to transfer the permit in full to Solway Foods Limited.
Transfer determined (EPR/UP3237CP/V002)	07/09/2012	Full transfer of permit complete.
Agency variation determined EPR/UP3237CP/V002	25/03/2013	Agency variation to implement the changes introduced by IED.
Variation application received EPR/UP3237CP/V003	29/04/2013	Application to extend permit boundary and add two point source emissions to air.
Variation application determined EPR/UP3237CP/V003	29/07/2013	
Variation application received EPR/UP3237CP/V004	Duly Made 07/07/2015	Application to cover an additional production area and add two point source emissions to air.
Variation application determined EPR/UP3237CP/V004	07/10/2015	Variation notice issued to Solway Foods Limited.
Variation application received EPR/UP3237CP/V005	Duly Made 04/10/2018	Application to add a CHP plant.
Variation determined EPR/UP3237CP/V005	18/01/2019	Variation notice issued to Solway Foods Limited.
Regulation 61(1) Notice issued	28/04/2020	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the

		revised Best Available Techniques (BAT) Reference Document (BRef) for the Food, Drink and Milk Industries.
Response to Regulation 61(1) Notice	10/08/2020	Response received from the operator.
Variation application received EPR/UP3237CP/V006	Duly Made 27/01/2021	Application to replace gas burner ovens
Variation determined EPR/UP3237CP/V006	15/03/2021	Variation notice issued to Solway Foods Limited.
NRW initiated variation determined EPR/UP3237CP/V007	25/03/2022	Varied permit issued to Solway Foods Limited. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for the Food, Drink and Milk Industries.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/UP3237CP

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/UP3237CP/V007 authorising,

Solway Foods Limited (“the operator”)

whose registered office is

**Trinity Park House
Fox Way
Wakefield
West Yorkshire
WF2 8EE**

company registration number **02189139**

to operate an installation at

**RF Brookes
Rogerstone Park
Azalea Road
Newport
NP10 9SA**

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

Signed	Date
Holly Noble	25/03/2022

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 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”).
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

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.
- 2.2.2 For the following activities referenced in schedule 1, table S1.1, AR7, no MCP shall be operated beyond the site of the grid reference specified for it in schedule 1, table S1.1 of the permit

2.3 Operating techniques

- 2.3.1 (a) 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 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 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 activities referenced in schedule 1, table S1.1, AR7, the activities 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 Where a substance is specified in schedule 3 table S3.2 or S3.3 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.
- 3.1.4 Total annual emissions from the emission point(s) set out in tables schedule 3 S3.1, S3.2 and S3.3 of a substance listed in schedule 3 table S3.4 shall not exceed the relevant limit in table S3.4.
- 3.1.5 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.
- 3.3.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Monitoring

- 3.5.1 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;
- 3.5.2 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 Natural Resources Wales.
- 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 Natural Resources Wales.
- 3.5.5 For the following activities referenced in schedule 1, table S1.1, AR7 monitoring shall not take place during periods of start up or shut down.
- 3.5.6 For the following activities referenced in Schedule 1, Table S1.1, AR7 the first monitoring measurements shall be carried out within four months of the issue date of the permit or the date when the MCP is first put into operation, whichever is later

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 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

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 The operator shall maintain a record of the type and quantity of fuel used and the total annual hours of operation for each MCP and/or Specified Generator.

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 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.

4.3 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" or "without delay" 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)(d)(iii) Treatment and processing, other than exclusively packaging, of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed (where the weight of the finished product excludes packaging) – animal and vegetable raw materials (other than milk only), both in combined and separate products, with a finished product production capacity in tonnes per day greater than – (aa) 75 if A is equal to 10 or more, where 'A' is the proportion of animal material in percent of weight of the finished product production capacity.	Manufacture of chilled and frozen foods	From receipt of raw materials to despatch of finished product. Maximum capacity limited to the agreed figure provided in response to part (b) of Improvement Condition IC10
AR2	Section 5.4 Part A(1)(a)(ii) Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by physico-chemical treatment.	Effluent treatment	From receipt of site effluent to despatch to sewerage undertaker.
Directly Associated Activity			
AR3	Production of steam and heating	Production of steam and heating for supplying primary heating associated with the above S6.8 activity	From receipt of fuel to emission of combustion products
AR4	Disposal of surface water to the River Ebbw	Discharge of uncontaminated runoff to surface water	From collection to discharge into a controlled watercourse
AR5	Storage and disposal of waste	Storage and disposal of waste	From generation of waste to despatch off site
AR6	Storage of lubricating oil for the combined heat and power plant.	2 x 5000 litre double skinned fuel tanks for the storage of lubricating oil.	Oils used for combined heat and power plant
Medium Combustion Plant			
AR7 NGR: ST 25054 89489	Schedule 25A – Medium Combustion Plant (as detailed in Schedule 8 of permit) and excluded Specified Generator	1 x 6.075 MWth CHP plant fuelled on natural gas	From receipt of fuel to emission of combustion products. Operating hours not restricted.

Table S1.2 Operating Techniques

Description	Parts	Date Received
Original Permit Application	The response to questions 2.1 and 2.2 and B9 given in sections B2.1.15, B2.2.1-2.2.5, 2.1.18, 2.3.1-2.3.6, 2.10.8-2.10.15, 2.10.19, B9.0.1 of the application.	02/09/2004
Submission in response to Improvement Programme Item – IP2 BM3007IM	All	20/10/2005
Submission in response to Improvement Programme Item – IP3 BM3007IM	All	26/05/2006
Submission in response to Improvement Programme Item – IP4 BM3007IM	All	19/01/2007
Submission in response to Improvement Programme Item – IP5 BM3007IM	All	22/02/2006
Submission in response to Improvement Programme Item – IP6 BM3007IM	All	27/01/2006
Application EPR/UP3237CP/V003	All	29/04/2013
Application EPR/UP3237CP/V004	All	06/07/2015
Document “Supporting Information in Respect of Application to vary Permit”	All	05/07/2018
Response to regulation 61(1) Notice – request for information dated 28/04/2020 detailing how the Operator will comply with the BAT conclusions for the Food, Drink and Milk Industries, under Directive 2010/75/EU of the European Parliament and of the Council	All	11/08/2020
Additional response to BAT 9 and BAT 12	All	11/02/2022

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 and generator 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.
The stack must be vertical and unimpeded by cowls or caps.

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IP1	The operator shall provide a report in writing demonstrating that the monitoring of effluent flow complies with the MCERTS standard 'minimum requirements for the self-monitoring of effluent flow' version 2, Aug 2004	Complete
IP2	The Operator Shall assess the waste storage and handling techniques against the indicative requirement in the Sector Guidance Note IPPC S6.10, Dec. 2002 Version 3, Section 2.4. A written report summarising the techniques shall be submitted to the Agency and include time scales for the implementation of preferred options. The report provided shall be agreed in writing by the Agency	Complete
IP3	The Operator shall develop and implement the documented system of environmental management techniques, including the reporting/reviewing of the EMS by the top tier management, training of staff on environmental issues and awareness, having regards to the Agency Guidance note IPPC S6.10 Section 2.3, Dec. 2002 Version 3.	Complete
IP4	The Operator shall assess the environmental impact for all raw materials and possible alternatives for raw materials of significant impact. The Operator shall have regard to the Sector Guidance Note IPPC S6.10 Dec. 2002, Version 3, Section 2.4. A written report summarising the techniques shall be submitted to the Agency and include time scales for the implementation of preferred options. The report provided shall be agreed in writing by the Agency.	Complete
IP5	The Operator shall implement measures to improve the surfacing, bunding or sumps of the storage tanks and vessel and raw material and waste storage areas, such that any spillage is contained and may be fully recovered. The Operator shall have regard to the Sector Guidance Note IPPC S6.10 Dec. 2002 Version 3, Section 2.8 and the methods detailed therein. Prior to the implementation, the measures shall be agreed in writing by the Agency.	Complete
IP6	The Operator Shall develop a written site closure with regard to the requirement set out in Section 2.11 of the Agency Guidance Note IPCC S6.10, Dec.2022 Version 3, Section 2.8 and the methods detailed therein.	Complete
IP7	The Operator shall provide a report in writing to the Agency detailing the monitoring method used to determine effluent flow at release point S1. The monitoring method shall be agreed in writing with the Agency.	01/08/05
IP8	The Operator shall assess the current method for effluent flow as agreed in IP 7 with the requirements given in the MCERTS standard "minimum requirements for the self-monitoring of effluent flow" version 2, Aug. 2004. A written report shall be provided to the Agency detailing how this standard is to be achieved and shall include time scales for the implementation.	01/01/07
IP9	The Operator shall carry out monitoring and assessment as agreed in IP 1.	01/11/06

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC10	<p>(a) The Operator shall submit to NRW the maximum capacity of the installation that was used in the most recent risk assessment submitted to NRW.</p> <p>(b) The Operator shall submit to NRW for approval the maximum capacity of the installation at the current time.</p> <p>(c) If the maximum capacity of the installation has increased from the time of the last submitted risk assessment and the current time, the Operator shall review and update the risk assessment to account for the current maximum capacity. The risk assessment shall be submitted to NRW for review.</p> <p>Notes: The capacity is to be taken and presented using the same units from the relevant sub-section of Section 6.8, Part 2, Schedule 1 of the Environmental Permitting Regulations 2016 (as from time to time amended). Capacity is to be taken as the maximum possible capacity of the installation, not the maximum actual production. The risk assessment should follow the methodology set out in The Environmental Risk Assessment (EPR-H1). You may use a methodology other than EPR-H1 however the methodology must address the same issues as in EPR-H1 to an equivalent level of detail.</p>	<p>(a) and (b) Within 6 months of permit variation issue</p> <p>(c) Within 9 months of permit variation issue (if applicable)</p>
IC11	<p>The Operator shall complete and submit for approval in writing by Natural Resources Wales:</p> <p>A baseline report containing information necessary to determine the current state of soil and groundwater contamination;</p> <p>or</p> <p>Provide a summary report referring to information previously submitted where you are satisfied that such information represents the current state of soil and groundwater contamination;</p> <p>so as to enable a quantified comparison to be made with the state of soil and groundwater contamination upon definitive cessation of activity.</p>	<p>4 June 2023 or otherwise agreed in writing with Natural Resources Wales</p>
IC12	<p>The Operator shall submit to Natural Resources Wales an updated written procedure(s) describing how they intend to meet the following BAT requirements in accordance with requirements specified within:</p> <ul style="list-style-type: none"> Indicative BAT for Energy Efficiency and Waste consumption and waste water discharge for the Meat processing sector. 	<p>4 June 2023 or otherwise agreed in writing with Natural Resources Wales</p>

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels

Raw materials and fuel description	Specification
No limits set	-

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 ^{Note 1}
A1 [Point A1 1st Odour Plant on site plan in Schedule 7]	Odour abatement (1st plant)	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A2 [Point A2 Boiler No.1 on site plan in Schedule 7]	Raising steam 20 bar Steam boiler No1 - Energy centre building	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A3 [Point A3 Boiler No.2 on site plan in Schedule 7]	Raising steam 10 bar Steam boiler No2 - Energy centre building	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A4 [Point A4 Boiler No.3 on site plan in Schedule 7]	Raising steam 10 bar Steam boiler No3 - Energy centre building	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A5 [Point A5 Thermal Heater on site plan in Schedule 7]	Primary heating fryers Thermal oil generator - Energy centre building	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A6 [Point A6 2nd Odour Plant	Odour abatement	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792

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^{Note 1}
on site plan in Schedule 7]	(2 nd plant) Thermal oxidiser unit	Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A8 [Point A8 Oil Heater LHS on site plan in Schedule 7]	Thermal Oil Boiler Stack – Oriental Plant LHS	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A9 [Point A9 Oil Heater RHS on site plan in Schedule 7]	Thermal Oil Boiler Stack – Oriental Plant RHS	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1
A10 [Point A10 NEW CHP PLANT on site plan in Schedule 7]	CHP (Rogerstone Park CHP - Jenbacher (Clarke Energy – C3748))	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	95 mg/m ³	In line with NRW TGN M5	Every 3 years	NRW TGN M5
		Carbon monoxide	No limit set	In line with NRW TGN M5	Every 3 years	NRW TGN M5
A11 [Point A11 6 RACK ROTARY COOKING OVEN on site plan in Schedule 7]	Oven discharge from 350 kW thermal input, natural gas fuelled 6-rack rotary oven	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Annual	EN 14792
		Carbon monoxide	No limit set	Periodic	Annual	EN 15058 or CEN TS 17337
		Particulates	No limit set	Periodic	Annual	EN 13284-1

^{Note 1} Or to an EN, BS, ISO or SCA blue book standard as agreed in writing with Natural Resources Wales

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 (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 [referred to in section B2.2.22 of the BP3007IM application A001. To the east of the site] emission to River Ebbw.	Uncontaminated surface water - site drainage from site via interceptor.	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

Emission point ref. & location	Source	Parameter	Limit (including Unit)	Reference period	Monitoring frequency	Monitoring standard or method ^{Note 1}
S1 [Point S1 as referenced in Schedule 4 of Variation Notice EPR/UP3237CP/V0 03] emission to foul sewer.	Effluent treatment plant	Effluent Flow Rate	No limit set	Daily average	Continuous	As agreed in improvement programme number 7
		Chemical oxygen demand (COD)	No limit set	Spot sample	Quarterly	BS ISO 15705, BS 6068-2.34
		Suspended solids	No limit set	Spot sample	Quarterly	BS EN 872 SCA blue book 105 ISBN 011751957X
		pH	No limit set	Spot sample	Monthly	ISO 10523
		Cadmium	0.01 mg/l	Spot sample	Annual	Compliance based on mass balance calculation
		Mercury	0.0001 mg/l	Spot sample	Annual	Compliance based on mass balance calculation

^{Note 1} Or to an EN, BS, ISO or SCA blue book standard as agreed in writing with Natural Resources Wales

Table S3.4 Annual limits

Substance	Medium	Limit (including unit)
Mercury	Water	330 g (Compliance based on mass balance calculation)
Cadmium	Water	2800 g (Compliance based on mass balance calculation)

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
Emissions to air	A1-A6, A8-A9, A11	Annually	1 January
Parameters as required by condition 3.5.1.	A10	Every 3 years	1 January
Emissions to sewer	S1	Annually	1 January, 1 April, 1 July, 1 October
Parameters as required by condition 3.5.1			

Table S4.2: Annual production/treatment	
Parameter	Units
Production of frozen and chilled produce	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³ and m ³ /tonne
Energy usage	Annually	MWh
Hazardous waste	Annually	tonnes/tonne
Non hazardous waste	Annually	tonnes/tonne
Effluent discharged to sewer	Annually	m ³ /tonne

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	25/03/2022
Sewer	Form Sewer 1 or other form as agreed in writing by Natural Resources Wales	25/03/2022
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	25/03/2022
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	25/03/2022
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	25/03/2022

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	EPR/UP3237CP
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.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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.

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“combined heat and power” or “CHP” or “Cogeneration” means the simultaneous generation in one process of thermal energy and electrical or mechanical energy

“compliance based on mass balance calculation” means that for the purpose of demonstrating compliance or non-compliance with a specified limit the release shall be calculated. Annual mass release for Mercury and Cadmium shall be calculated from the maximum potential concentration of the metal present as contamination multiplied by the volume of the chemicals used on site during the Year. An allowance may be deducted for any proportion of the chemicals used that can be demonstrated not to have reached the emission point. The concentration of Mercury and Cadmium shall be calculated from the annual mass release and the volume of effluent discharged during the year.

“disposal” or “D” 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.

“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

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface

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

“limited operating hours MCP” means an MCP that meets the requirements of paragraph 8 of Part 2 of Schedule 25A of the EP Regulations

“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.

“Natural gas” means naturally occurring methane with no more than 20 % by volume of inert or other constituents

“NRW TGN M5” means the ‘Environment Agency Technical Guidance Note M5: Monitoring of stack gas emissions from medium combustion plants and specified generators’ guidance published on naturalresourceswales.gov.uk

“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” or *“R”* 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.

“residue” means the solid waste generated by the waste treatment activity and is not directly related to the type of waste treated in the plant

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquids will run off the surface otherwise than via the system
- all liquids entering the system are collected in a sealed sump, except where liquids may be lawfully discharged

“specified generator” or *“SG”* means has the meaning given in paragraph 2(1) of Schedule 25B of the EP Regulations

“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

“Waste Treatment BAT Conclusions” means the BAT Conclusions for the Waste Treatment sector published as a Commission Implementing Decision EU 2018/1447 in the Official Journal of the EU on 17 August 2018

“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 273 K, at a pressure of 101.3 kPa and with an oxygen content of:

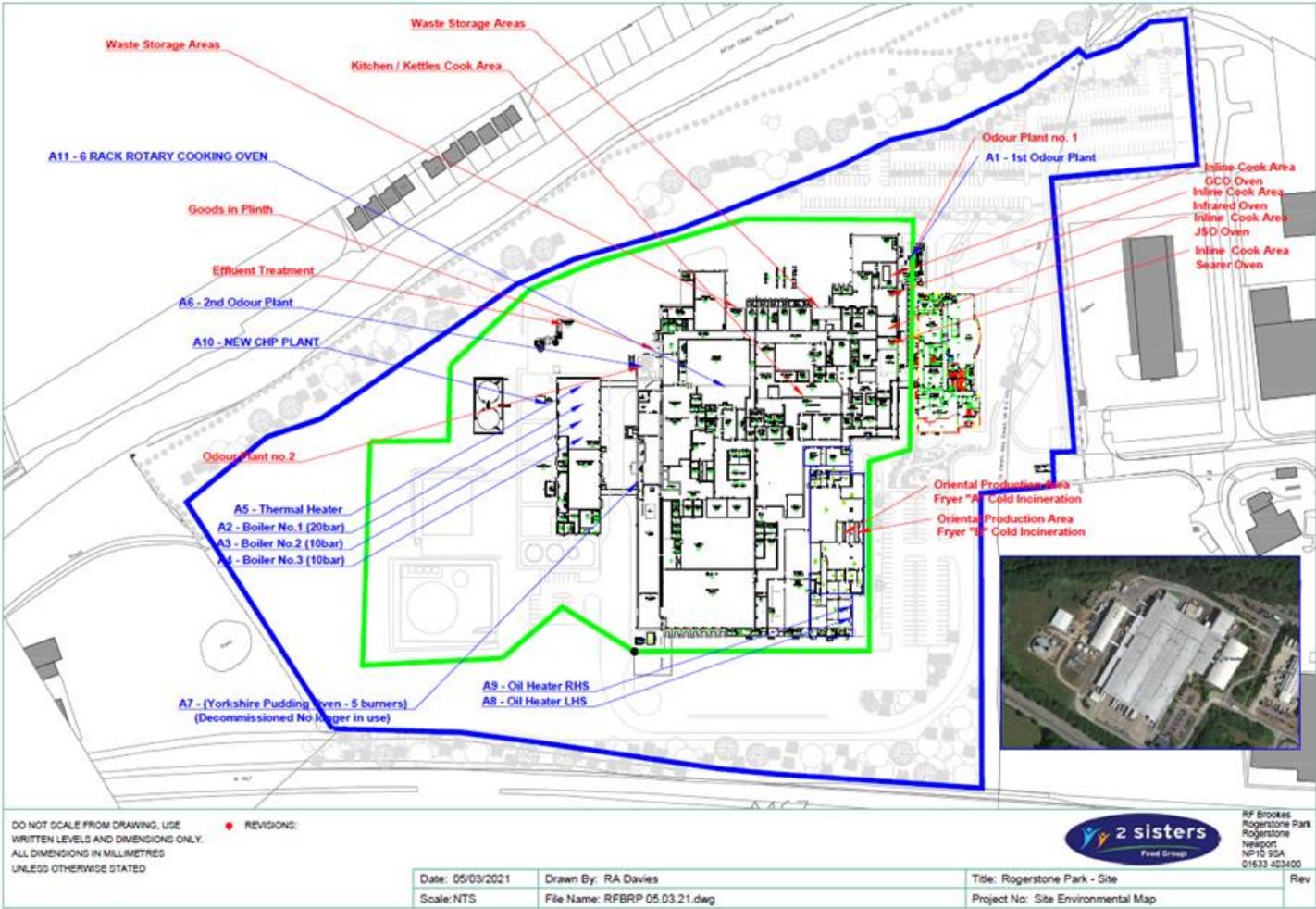
15 % for engines/turbines

3 % for all other processes

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 273 K and at a pressure of 101.3 kPa, with no correction for water vapour content

Schedule 7 - Site plan



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Schedule 8 - Annex 1 of MCPD

MCP identifier	Rogerstone Park CHP – A10 – Jenbacher (Clarke Energy – C3748)
1. Rated thermal input (MW) of the medium combustion plant.	6.075 MWth
2. Type of the medium combustion plant (diesel engine, gas turbine, dual fuel engine, other engine or other medium combustion plant).	Other engine
3. Type and share of fuels used according to the fuel categories laid down in Annex II.	Natural gas 100%
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.	18/01/19
5. Sector of activity of the medium combustion plant or the facility in which it is applied (NACE code).	1085
6. Expected number of annual operating hours of the medium combustion plant and average load in use.	8000 Hours 85% Average load in use
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.	Operator Trinity Park House Fox Way Wakefield West Yorkshire WF2 8EE MCP Address: RF Brookes (Solway Foods) Rogerstone Park Azalea Road Newport NP10 9SA

END OF PERMIT