



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Samworth Brothers Limited

Saladworks
Oak Spinney Park
Ratby Lane
Leicester
LE3 3JZ

Permit number

EPR/NP3206PB

Saladworks

Permit number EPR/NP3206PB

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The Saladworks site is an existing site that produces ready meals for UK retailers and has been in operation since 2003. The site is located on the Oak Spinney Park Industrial Estate approximately 5 km to the west of Leicester city centre, centred on NGR SK 53475 03866.

The site consists of a production hall and a main office. The production hall houses departments which comprise of raw material intake through to final product despatch. The site operates 24 hours a day, 7 days per week over various shift patterns, 364 days a year. The site has a current capacity of 107.8 tonnes per day.

The site operates under scheduled activity Section 6.8 Part A(1)(d)(iii)(aa). *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 portion of animal material in percent of weight of the finished product production capacity.*

In addition, the site also has two Section 5.4 Part A(1)(a)(ii) activities, *Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC concerning urban waste-water treatment(a)—(ii) physico-chemical treatment.*

The site has two Dissolved Air Flotation (DAF) plants which are permitted under Section 5.4 Part A(1)(a)(ii) of the EPR regulations to pre-treat the process effluent arising on site and process effluent arising from the neighbouring Bakkavour site prior to discharge to the sewer. Each DAF plant will pre-treat the effluent streams separately, once it's confirmed that each effluent stream meets the parameters of the trade effluent consent they are combined and discharged to the foul sewer.

The site has 8-point source (stacks), which release emissions to air generated from the food manufacturing processes, including the boilers, ovens and odour abatement system. Detailed dispersion modelling has been undertaken to assess the pollutant emissions to air from the four boilers (A1-A4) and the two ovens (A5 & A6). The assessment has considered impacts from emissions of Oxides of Nitrogen (NO_x as NO₂), and volatile organic compounds (VOCs).

The site covers an area of approximately 3.56 hectares. The site comprises of a large structure that houses the main production operations, despatch areas and administration functions. The building is constructed predominately from steel, insulation panelling, concrete and brickwork, with associated areas of hardstanding in service yard and staff parking areas. Significant areas of soft landscaping are also present around the building perimeters. Uncontaminated run off from roofs, car parking and hardstanding areas is discharged to surface water drains via an interceptor tank. A penstock valve has been fitted post interceptor to contain any spills should they occur. All process effluent is discharged to the foul sewer after treatment via the DAF plant.

There are no protected European habitats within 10km of the site and Sites of Special Scientific Interest (SSSI) within 2km of the site. There are a number of local wildlife sites, a Local Nature Reserve and an accident woodland within 2km of the site boundary.

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 EPR/NP3206PB/A001	Duly made 16/02/2021	Application for a bespoke permit
Additional information received in response to Schedule 5 Notice dated 09/08/2021	27/08/2021	Schedule 5 response including. <ul style="list-style-type: none"> • Details regarding the onsite DAF plants • Revised BAT assessment for the following BATc; BATc 2, BATc 3, BATc 5, BATc 6 and BATc 1. • Details regarding on site combustion
	14/09/2021	<ul style="list-style-type: none"> • Revised Environmental Risk Assessment
	29/10/2021	<ul style="list-style-type: none"> • Further details regarding the onsite surface water drainage arrangements. • Revised Odour Management Plan • Revised BAT assessment for the following BATc; BATc 9.
Additional information received	19/11/2021	Saladworks and Bakkavor Operational Drainage Document and Plan.
Permit determined EPR/NP3206PB (Billing ref. NP3206PB)	21/01/2022	Permit issued to Samworth Brothers Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/NP3206PB

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Samworth Brothers Limited (“the operator”),

whose registered office is

**Chetwode House
1 Samworth Way
Melton Mowbray
Leicestershire
LE13 1GA**

company registration number 03116767

to operate an installation at

**Saladworks
Oak Spinney Park
Ratby Lane
Leicester
LE3 3JZ**

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

Name	Date
Samantha Haddock	21/01/2022

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

1.2 Energy efficiency

1.2.1 The operator shall:

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

1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

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

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

1.5 Climate change

- 1.5.1 The operator shall review and if appropriate update, at least every 4 years, the climate change adaptation risk assessment submitted with the permit application, and shall update the written management system as appropriate.

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 For the following activity referenced in schedule 1, table S1.1 AR3, 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.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 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.
- 2.3.6 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.

2.4 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 the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

- 2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1 (AR4) the first monitoring measurements shall be carried out within four months of 01/01/2030 of the permit or of the date when the MCP is first put into operation, whichever is later.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits; and
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

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

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration; and
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1, S3.2 and S3.3.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

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

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

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

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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

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

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

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency 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, if during that quarter the total amount accepted exceeds 100 tonnes of non-hazardous waste or 10 tonnes of hazardous waste.

4.3 Notifications

4.3.1 In the event:

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

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

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

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

Where the operator is a registered company:

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

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

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

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) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

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

Schedule 1 – Operations

Table S1.1 Activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	<p>Section 6.8 Part A(1) (d)(iii)(aa) 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, or (bb) 300-(22.5 x A) in any other case, Where 'A' is the portion of animal material in percent of weight of the finished product production capacity.</p>	<p>Production of ready meals products including mixing, mincing, slicing, cooking, filling, chilling, and packaging.</p>	<p>From receipt and storage of raw materials to storage and dispatch of finished products.</p> <p>Production capacity up to 108 tonnes of ready meals per day</p>
AR2	<p>Section 5.4 Part A(1)(a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC concerning urban waste-water treatment(a)— (ii) physico-chemical treatment;</p>	<p>D9 Physico-chemical treatment which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12</p>	<p>From receipt of effluent generated on site to discharge to sewer via S1</p>
AR3	<p>Section 5.4 Part A(1)(a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC concerning urban waste-water treatment(a)— (ii) physico-chemical treatment;</p>	<p>D9 Physico-chemical treatment which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12</p>	<p>From receipt of effluent generated on the Bakkavor site to discharge to sewer via S1</p> <p>Only waste types as specified in Table 2.2</p>
	Directly Associated Activity		

Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR4	Steam supply	Medium Combustion plants: Operation of existing combustion plant to generate steam and hot water. 2 x 1.74MWth natural gas-fired boilers and 2 x 1.84MWth gas fired boilers.	From the receipt of natural gas and fuel oil to the storage of fuel oil and the release of waste gases from the chimney.
AR5	Compressed air	Operation of air compressors	Generation of compressed air to be used for a variety of applications through the facility
AR6	Storage and use of chemicals	Secure storage and use of chemicals for onsite use.	From receipt of cleaning chemicals to despatch for treatment of effluent.
AR7	Raw material storage and handling	Secure storage of raw materials for production of finished goods, cleaning and effluent treatment	From receipt of raw materials to use in plant.
AR8	Refrigeration	Operation of blast chillers and cold rooms for the storage of raw materials and cooling of product.	From receipt of raw materials to finished goods.
AR9	Oil storage	Storage of oil in bunded areas	From receipt of oil to the use of oil for the maintenance of onsite equipment to disposal of waste arising.
AR10	Waste storage and handling	Storage and handling of waste materials	From generation of waste to storage pending removal for disposal or recovery.

Description	Parts	Date Received
Application	Application forms Part B2 and B3 and supporting information	Duly Made 16/02/2021
Additional information received in response to Schedule 5 Notice dated 09/08/2021	Schedule 5 response including; <ul style="list-style-type: none"> • Details regarding the onsite DAF plants • Revised BAT assessment for the following BATc; BATc 2, BATc 3, BATc 5, BATc 6 and BATc 1. • Details regarding the combustion on site. 	Received 27/08/2021
	<ul style="list-style-type: none"> • Revised Environmental Risk Assessment 	Received 14/09/2021
	<ul style="list-style-type: none"> • Further details regarding the onsite surface water drainage arrangements. • Revised Odour Management Plan • Revised BAT assessment for the following BATc; BATc 9. 	Received 29/10/2021

Table S1.2 Operating techniques		
Description	Parts	Date Received
Additional information received	Saladworks and Bakkavor Operational Drainage Document and Plan.	Received 19/11/2021

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The Operator shall submit a written plan to the Environment Agency for technical assessment and approval detailing the results of a survey of all primary, secondary and tertiary containment on site with reference to CIRIA Containment systems for the prevention of pollution (C736) – Secondary, tertiary and other measures for industrial and commercial premises. The survey shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Process / storage tanks. • Impermeable surfacing. • Bunds. <p>Where appropriate the plan shall contain dates for the implementation of any remedial measures required.</p> <p>The plan shall be implemented by the operator from the date of approval by the Environment Agency.</p>	12 months from the date of permit issue or other date as agreed in writing with the Environment Agency
IC2	<p>The operator shall submit, for approval by Environment Agency, a report setting out progress to achieving the 'Narrative' BAT where BAT is currently not achieved, but will be achieved before 4 December 2023. The report shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> • Methodology for achieving BAT • Associated targets /timelines for reaching compliance by 4 December 2023 • Any alterations to the initial plan (in progress reports). <p>The report shall address the BAT Conclusions for Food, Drink and Milk Industries with respect to BATc 6 and BATc 9.</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	<p>Progress reports at six monthly intervals from date of permit issue:</p> <p>DD/MM/22</p> <p>DD/MM/22</p> <p>DD/MM/23</p>

Table S1.4 Pre-operational measures

Reference	Pre-operational measures
PO1	<p>At least 4 weeks before operation the operator shall submit a commission report/plan for technical assessment and review demonstrating that the necessary procedures are in place for the operation of the two onsite DAF plants and that staff have received the necessary training. The commissioning report shall contain the following;</p> <ul style="list-style-type: none">• A characterisation of the effluent arising from both sites,• Detailed construction drawings of the DAF plants and associated narrative,• A detailed surface water drainage plan, which will incorporate the drainage from the Bakkavor site.• The total volume of effluent to be treated in each DAF plant.• A survey of all primary, secondary and tertiary containment associated with the DAF plants with reference to CIRIA Containment systems for the prevention of pollution (C736) – Secondary, tertiary and other measures for industrial and commercial premises. The survey shall include but not be limited to the following:<ul style="list-style-type: none">• Process / storage tanks.• Impermeable surfacing.• Bunds. <p>Where the requirement for improvements is identified, the report shall include a schedule of works for the proposed improvements with timescales for completion.</p> <p>The Operator shall supply the Environment Agency with a written copy of the report and shall implement any improvements to a timetable agreed in writing with the Environment Agency.</p>

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted waste types and quantities for pre-treatment prior to discharge to sewer	
Maximum quantity	Annual throughput of liquid effluent arising from the Bakkavor site shall not exceed 220,000 tonnes/year.
Waste code	Description
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01 Restricted to aqueous waste from the Bakkavor site only.

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
A1 [Point A1 on site plan in Schedule 7]	Hot water boiler 1 fired on natural gas (1.74 MWth)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ [Note 1]	Periodic	Every three years [Note 2]	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years [Note 2]	EN 15058
A2 [Point A2 on site plan in Schedule 7]	Hot water boiler 2 fired on natural gas (1.74 MWth)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ [Note 1]	Periodic	Every three years [Note 2]	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years [Note 2]	EN 15058
A3 [Point A3 on site plan in schedule 7]	Steam boiler 1 fired on natural gas (1.84 MWth)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ [Note 1]	Periodic	Every three years [Note 2]	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years [Note 2]	EN 15058
A4 [Point A4 on site plan in schedule 7]	Steam boiler 2 fired on natural gas (1.84 MWth)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ [Note 1]	Periodic	Every three years [Note 2]	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years [Note 2]	EN 15058
A5 [Point A5 on site plan in schedule 7]	Oven rack 1	No parameters set	No limit set	--	--	--
A6 [Point A6 on site plan in schedule 7]	Oven rack 2	No parameters set	No limit set	--	--	--
A7 [Point A7 on site plan in schedule 7]	Cooling towers	No parameters set	No limit set	--	--	--

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
A8 [Point A8 on site plan in schedule 7]	Simdean odour abatement system	No parameters set	No limit set	--	--	--

Note 1: The limits shall only apply from 01/01/2030 (unless the boiler is replaced).

Note 2: The monitoring requirements shall only apply from 01/01/2030 (unless the boiler is replaced).

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 [Point W1 on site plan in schedule 7].	Uncontaminated surface water via interceptor and surface water pond	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 (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 7 emission to Severn Trent sewer at Wembley Road junction with Ratby Lane	Treated process effluent from onsite DAF plants	No parameters Set	No limit set	--	--	--

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air Parameters as required by condition 3.5.1	A1, A2, A3 & A4.	First monitoring undertaken in accordance with Condition 3.1.4 to be reported within 3 months, and then every 3 years thereafter.	From first monitoring requirements in accordance with Condition 3.1.4

Table S4.2: Annual production/treatment	
Parameter	Units
Products produce	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Specific energy consumption (yearly average)	Annually	MWh/ tonne of products
Waste disposal and/or recovery	Annually	tonnes
Other performance parameters	Annually	tonnes per production unit

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

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 malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
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 limit	
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) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) Notification requirements for the detection of any significant adverse environmental effect	
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 the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

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

“emissions to land” includes emissions to groundwater.

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

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

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

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

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

“Pests” means Birds, Vermin and Insects.

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

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

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes 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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

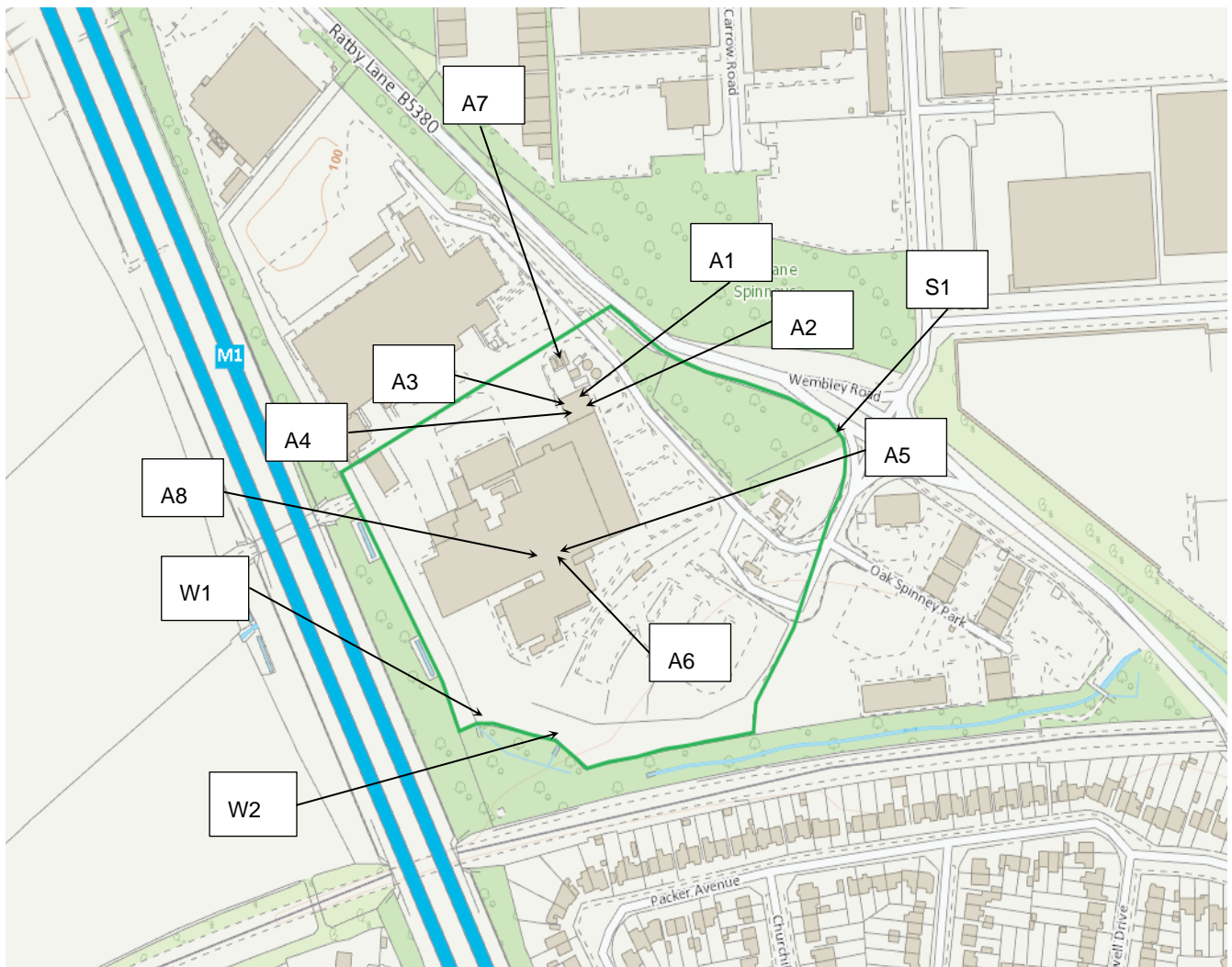
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels other than gas engines or gas turbines, 6% dry for solid fuels; and/or

- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels ; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



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END OF PERMIT