

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Greencore Grocery Limited

Selby Sauces and Pickles
Barlby Road
Selby
North Yorkshire
YO8 5BJ

Variation application number

EPR/BO2323IB/V007

Permit number

EPR/BO2323IB

Selby Sauces and Pickles

Permit number EPR/BO2323IB

Introductory note

This introductory note does not form a part of the notice

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

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

This consolidated permit has been issued following a full review against the best available techniques (BAT) conclusions for the Food, Drink and Milk Industries published on 4th December 2019 in the official journal of the European Union.

We have implemented the requirements of the Medium Combustion Plant directive and incorporated post-dated requirements for 2025.

The schedules specify the changes made to the permit.

Multi-operator Installation

The installation is located in North Yorkshire approximately 1.7km north-east of Selby town off A19 road, at National Grid Reference SE 63240 33150. It is a multi-operator installation which has two operators – Greencore Grocery Limited and Aqua Operations Limited. The listed activity conducted by Greencore Grocery Limited are the treatment and processing of animal and vegetable raw materials to produce products for human consumption. Aqua Operations Limited operate an Effluent Treatment Plant (ETP). The installation at Selby is a 23-acre site located in a residential area, typically operational for 24 hours a day, 6 days a week with hygiene and engineering activities being undertaken continuously.

Selby Sauces and Pickles

This permit is for Greencore Grocery Limited, the facility produces a wide range of cooking sauces, table sauces and pickles for human consumption.

The Environmental Permit is for the following scheduled activity:

Section 6.8 A1 (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— 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.

The production capacity is 800 tonnes per day and the portion if animal material in percent of weight of the finished product is up to 51%.

The production area is divided into three zones with Zone 1 consisting of beet preparation & cooking process area, line 1 and line 2 are pickling lines for beetroot, onions, eggs, and other mixed items, Zone 2 is reserved for glass cooking sauces section, and Zone 3 comprises of plastic filling lines and a glass bottle line.

Greencore Grocery Limited also have an abstraction licences to extract groundwater, for the use in the production process, cooling, wash-down and steam raising, which is passed through the reverse osmosis plant. The resulting permeates, process effluent, and wastewater from cleaning activities are sent to the ETP

operated by Aqua Operations Limited for treatment. Uncontaminated run-off water from roofs and yards is discharged via interceptor to a drainage gully, leading to River Ouse.

For the production of steam and electrical power supply, the site operates two Medium Combustion Plants (MCPs) which are two boilers both with a 9.6 MWth thermal input capacity. There is also a Combined Heat and Power (CHP) plant which has a thermal input capacity of 0.5MWth. The boilers are fired on natural gas and are permitted to be fuelled by gas oil in emergencies.

Within 10km from the installation's permitted perimeter there are three Special Areas of Conservation (SAC) and Special Protection Area (SPA), namely River Derwent, Lower Derwent Valley, and Skipwith Common (SAC only). Lower Derwent Valley is also a Ramsar site. Additionally, there are three Local Wildlife Sites within 2km from the site. Human receptors are located at approximately 100m from the site's western boundary.

The Operator uses an Environmental Management Systems (EMS) accredited at ISO 14001 standard.

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

Status log of the permit		
Description	Date	Comments
Application received EPR/BO2323IB/A001	29/03/2005	Application received for vegetables processing.
Additional information requested (dated 26/08/2005 and 31/08/2005)	09/09/2005	Information received.
Permit determined EPR/BO2323IB	04/04/2006	Permit issued to Greencore Grocery Limited.
Additional information requested	19/04/2006	Information received.
Variation determined EPR/BO2323IB/V002	15/06/2006	Change to air and water emissions points.
Variation determined EPR/BO2323IB/V003	01/04/2008	Include the operation of the ETP under Schedule 1 Activity, Section 5.3A(1)(c)(i).
Variation determined EPR/BO2323IB/V004	Duly made 20/01/2012	Application to split effluent releases into three separate streams.
Additional information received	10/02/2012	Site plan showing three new effluent streams.
Variation application EPR/BO2323IB/V005	Duly made 12/02/2014	Application to vary and consolidate the previous permit variations.
Additional information	19/02/2014	Agreement with amended site plan.
Variation determined EPR/BO2323IB/V005	06/03/2014	Variation and consolidated permit issued to Greencore Grocery Limited.
Application variation EPR/BO2323IB/V006	10/08/2020	Notification of change of Registered office address changed to Greencore Manton Wood, Retford Road, Manton Wood Enterprise Park Workshop, England, S80 2RS.
Variation issued EPR/BO2323IB/V006	15/09/2020	Varied permit issued to Greencore Grocery Limited.
Application EPR/BO2323IB/V007 (variation and consolidation)	Regulation 61 Notice response received 06/10/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.

Status log of the permit		
Description	Date	Comments
Additional information requested (dated 22/09/2023)	12/10/2023	Request for further information regarding BATcs 7, 8, 9, 11, EPL for water and energy, containment, cooling towers, product lines, and updated site plan.
Additional information requested (dated 16/10/2023)	20/10/2023	Clarifications concerning MCPs, listed activity, groundwater discharge, buffer capacity, and non-technical description of the site.
Variation determined and consolidation issued EPR/BO2323IB (Billing ref. JP3944QC).	05/12/2023	Varied and consolidated permit issued in modern format.

Other Part A installation permits relating to this installation		
Operator	Permit number	Date of issue
Aqua Operations Limited	XP3506LZ	23/03/2021

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/BO2323IB

Issued to

Greencore Grocery Limited (“the operator”)

whose registered office is

**Greencore Manton Wood
Retford Road
Manton Wood Enterprise Park
Worksop
England
S80 2RS**

company registration number 01754279

to operate part of a regulated facility at

**Selby Sauces and Pickles
Barlby Road
Selby
North Yorkshire
YO8 5BJ**

to the extent set out in the schedules.

The notice shall take effect from 05/12/2023.

Name	Date
Marcus Woodward	05/12/2023

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BO2323IB

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BO2323IB/V007 authorising,

Operator Name (“the operator”),

whose registered office is

**Grencore Manton Wood
Retford Road
Manton Wood Enterprise Park
Worksop
England
S80 2RS**

company registration number 01754279

to operate part of an installation at

**Selby Sauces and Pickles
Barlby Road
Selby
North Yorkshire
YO8 5BJ**

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

Name	Date
Marcus Woodward	05/12/2023

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 Multiple operator installations

- 1.5.1 Where the operator notifies the Environment Agency under condition 4.3.1 (a) or 4.3.1 (c), the operator shall also notify without delay the other operator of the installation of the same information.

2 Operations

2.1 Permitted activities

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

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit, which is within the area edged in red on the site plan that represents the extent of the installation covered by this permit and that of the other operator of the installation.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

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.

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 and S3.2.
- 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 (AR2 – Boilers) the first monitoring measurements shall be carried out within four months of 01/01/2025 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 but including ammonia) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.
- 3.2.4 The operator shall implement a leak detection and repair (LDAR) programme to detect and mitigate the release of volatile organic compounds, including methane from diffuse sources.

3.3 Odour

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

3.4 Noise and vibration

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

specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

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

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

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 and S3.2, unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

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

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

(ii) matters which affect the condition of the land and groundwater.

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

4.2 Reporting

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

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

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

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

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

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

4.3 Notifications

4.3.1 In the event:

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

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- 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 "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 A1 (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 (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 75 tonnes per day.	From receipt of raw materials delivered to the site to the dispatch of cooking sauces, table sauces, dips. and pickles. Production capacity is limited to 800 tonnes per day.
Directly Associated Activity			
AR2	Steam and electrical power supply	<u>Medium Combustion plants:</u> 2 x 9.6 MWth boilers - natural gas fired (with gas oil used as a back-up fuel) <u>Non-Medium Combustion plants:</u> Combined Heat and Power (CHP) Plant – 0.5 MWth natural gas and biogas fired.	From receipt of fuel to release of products of combustion to air. Gas oil for back-up use is limited to operate for the purpose of testing for no more than 50 hours per year and no more than 500 hours operation in an emergency.
AR3	Raw material storage and handling	Storage and handling of raw materials at the installation	From receipt of raw materials to dispatch of final product.
AR4	Use of refrigerants	Use of refrigerants in cooling, chilling and/or freezing systems at the installation.	From receipt of raw materials to dispatch of final product.
AR5	Storage and use of chemicals and oils	Storage and use of chemicals and oils at the installation.	From receipt of chemicals and oils to disposal of wastes arising.
AR6	Waste storage and handling	Storage and handling of waste materials	From generation of waste to storage pending removal for disposal or recovery.
AR7	Process cooling waters	Operation of three cooling towers	From operation of cooling towers, including chemical dosing.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR8	Surface water drainage	Collection of uncontaminated site surface waters	Handling and storage of site drainage until discharge to the site surface water system leading to River Ouse via interceptors.
AR9	Reverse Osmosis Plant	Treatment of borehole water for boiler use.	From collection of borehole water for treatment through the reverse osmosis plant to use in the boilers for steam generation.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1, 2.2 and 2.3 given in pages 10 to 47 of the application and associated appendices.	29/03/2005
Application for variation EPR/BO2323IB/V005	Response to form C2, question 5c – ‘Executive Summary’ describing the new vents.	17/01/2014
	Response to form C3, question 3 - response to question 6 in not duly made response email.	12/02/2014
Regulation 61 (1) Notice – Responses to questions dated 09/06/2022	All parts	06/10/2022
Request for further information dated 22/09/2023	Updated R61 Response Tool Information relating to BATcs 7, 8, 9, 11, EPL for energy and water, containment, cooling towers, product lines, updated site plan.	12/10/2023
Additional information dated 16/10/2023	Clarifications concerning MCPs, groundwater discharge, buffer capacity..	20/10/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC14	<p>The operator shall use refrigerants without ozone depletion potential and with a low global warming potential (GWP) in accordance with BAT 9 from the Food, Drink and Milk Industries BATCs.</p> <p>To demonstrate compliance against BAT 9, the operator shall develop a replacement plan for the refrigerant system(s) at the installation. This shall be incorporated within the existing environmental management system by the specified date.</p> <p>The plan should include, but not be limited to, the following:</p> <ul style="list-style-type: none"> • Where practicable, retro filling systems containing high GWP refrigerants e.g. R-404A with lower GWP alternatives as soon as possible. • An action log with timescales, for replacement of end-of-life equipment using refrigerants with the lowest practicable GWP. 	One month from permit issue
IC15	The operator shall produce a climate change adaptation plan, which will form part of the EMS.	12 months from permit issue or

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> • Details of how the installation has or could be affected by severe weather; • The scale of the impact of severe weather on the operations within the installation; • An action plan and timetable for any improvements to be made to minimise the impact of severe weather at the installation. <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	<p>other date agreed in writing with the Environment Agency</p>
IC16	<p>The operator shall establish the methane emissions in the exhaust gas from engines burning biogas and compare these to the manufacturer's specification and benchmark levels agreed in writing with the Environment Agency. The operator shall, as part of the methane leak detection and repair (LDAR) programme, develop proposals to assess the potential for methane slip and take corrective actions where emissions above the manufacturer's specification or appropriate benchmark levels are identified.</p>	<p>12 months from permit issue or other date as 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
Gas oil	Less than 0.1% sulphur content

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 1 on site plan in Schedule 7]	Boiler 1 9.6 MWth when fired on natural gas [NOTE 1]	Oxides of Nitrogen (NO and NO ₂ expressed as NO _x)	200 mg/m ³	Periodic	Every three years	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years	MCERTS BS EN 15058
	Boiler 1 9.6 MWth fired on gas oil [NOTE 1]	Oxides of Nitrogen (NO and NO ₂ expressed as NO _x)	200 mg/m ³	Periodic	After 500 operating hours have elapsed	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	After 500 operating hours have elapsed	MCERTS BS EN 15058
A2 [Point 2 on site plan in Schedule 7]	Boiler 2 9.6 MWth when fired on natural gas [NOTE 1]	Oxides of Nitrogen (NO and NO ₂ expressed as NO _x)	200 mg/m ³	Periodic	Every three years	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years	MCERTS BS EN 15058
	Boiler 2 9.6 MWth fired on gas oil [NOTE 1]	Oxides of Nitrogen (NO and NO ₂ expressed as NO _x)	200 mg/m ³	Periodic	After 500 operating hours have elapsed	MCERTS BS EN 14792
		Carbon monoxide	No limit set	Periodic	After 500 operating hours have elapsed	MCERTS BS EN 15058
A3 [Point 3 on site plan in Schedule 7]	CHP Plant 0.5 MWth fired on natural gas and biogas	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	--	--	--
		Carbon monoxide	No limit set	--	--	--
A4 and A5 [Points 4 and 5 on site plan in Schedule 7]	Boiler blowdown and boiler pit	Water vapour	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
A6 and A7 [Points 6 and 7 on site plan in Schedule 7]	Rapeseed oil breather and liquid sugar over pressure vent	No parameter set	No limit set	--	--	--
A8 and A9 [Points 8 and 9 on site plan in Schedule 7]	Condenser collection tanks	No parameter set	No limit set	--	--	--
A13 [Point 13 on site plan in Schedule 7]	3 x Beetroot cooker vents	Odour	No limit set	--	--	--
A14, A15, 16 [Points 14, 15 and 16 on site plan in Schedule 7]	Tank vents	Odour	No limit set	--	--	--
A17 [Point 17 on site plan in Schedule 7]	Dry weigh room extraction via bag filter	Dust	No limit set	--	--	--
A18 [Point 18 on site plan in Schedule 7]	Upstairs brewing extraction ventilation system via panel filter	No parameter set	No limit set	--	--	--
A19, A20, A21 [Points 19, 20 and 21 on site plan in Schedule 7]	Cooling towers 1, 2, and 3 extraction units	Condensation (Chlorine dioxide dosed)	No limit included	--	--	--
A22 [Point 22 on site plan in Schedule 7]	Downstairs brewing extraction ventilation system via panel filter	No parameter set	No limit set	--	--	--
A23 [Point 23 on site plan in Schedule 7]	Main lab fume cupboard extraction system	No parameter set	No limit set	--	--	--
A24 to A29 [Points 24 – 29 on site plan in Schedule 7]	Pasteurisers in/out vents	No parameter set	No limit set	--	--	--
A29 [Point 29 on site plan in Schedule 7]	Acetic acid over	No parameter 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
	pressure vent					
A30 [Point 30 on site plan in Schedule 7]	Battery charging station extraction	No parameter set	No limit set	--	--	--
A31 [Point 31 on site plan in Schedule 7]	Pasteuriser 1 filling end with the bottling hall extraction	No parameter set	No limit set	--	--	--
A32 [Point 32 on site plan in Schedule 7]	Spirit vinegar over pressure vent	No parameter set	No limit set	--	--	--
A33 to A44 [Points 33 – 44 on site plan in Schedule 7]	Pressure relief valves	No parameter set	No limit set	--	--	--
A45 to A51 [Points 45 – 51 on site plan in Schedule 7]	Extraction units	No parameter set	No limit set	--	--	--
A52 to A74, A77 and A78 [Points 52 – 74, 77 and 78 on site plan in Schedule 7]	Fans and vents	No parameter set	No limit set	--	--	--
A80 and A81 [Points 80 and 81 on site plan in Schedule 7]	Beet cooking extraction fans	Water vapour	No limit set	--	--	--
Note 1 - This emission limit and/or monitoring requirement applies from 01 January 2025, unless otherwise advised by the Environment Agency.						

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 1 on site plan in schedule 7) emission to gulley leading to River Ouse	Uncontaminated run-off water via interceptor	No parameter set	No limit set	--	--	--

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
W2 (Point 2 on site plan in schedule 7) emission to gulley leading to River Ouse	Uncontaminated run-off water via interceptor	No parameter set	No limit set	--	--	--
W3 (Point 3 on site plan in schedule 7) emission to gulley leading to River Ouse	Uncontaminated run-off water via interceptor	No parameter set	No limit set	--	--	--
W4 (Point 4 on site plan in schedule 7) emission to ETP	Process effluent transfer to ETP operated by 3 rd party	No parameter set	No limit set	--	--	--

Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air Parameters as required by condition 3.5.1	A1 – Boiler 1 A2 – Boiler 2	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

Parameter	Units
Sauces	tonnes
Pickles	tonnes
Electricity generated	MWh

Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Waste	Annually	tonnes
COD efficiency	Annually*	COD te/te product
Food waste	Annually	Tonnes
CHP engine usage	Annually	hours
CHP engine efficiency	Annually	%

*COD efficiency to be calculated on a weekly frequency, reported annually

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
Food Waste	Food waste Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1 06/02/2023

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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.

“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.

“Food waste” reporting: Reporting of food waste to use a methodology such as the global Food Loss and Waste Accounting and Reporting Standard (FLW standard) , WRAP’s Target Measure Act initiative or similar.

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

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

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW. An “existing medium combustion plant” is combustion plant operating before 20 December 2018.

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

“Pests” means Birds, Vermin and Insects.

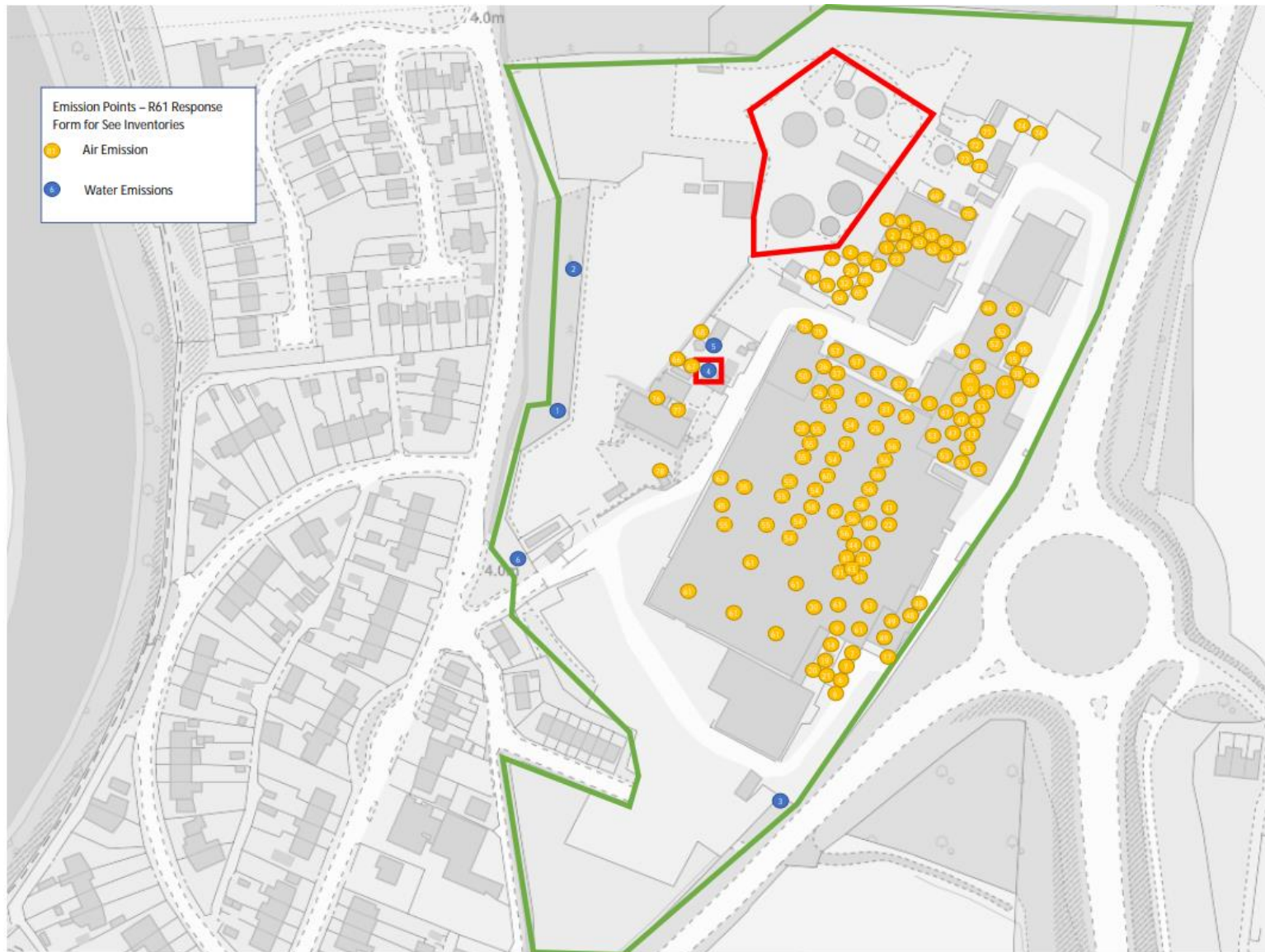
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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



END OF PERMIT