

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Greencore Food To Go Limited

Greencore Boston
The Found Riverside Industrial Estate
Marsh Lane
Boston
PE21 7PJ

Permit number

EPR/JP3942YV

Greencore Boston

Permit number EPR/JP3942YV

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows. The installation manufactures various types of cold salad food products for supermarkets and food outlets. These include foods like: coleslaw, potato salad, couscous salad, beetroot salad, chickpea salads and tuna mayonnaise. The main processes involve: raw material reception, ingredient mixing, chilled storage, frozen storage, steam cooking of pasta, product preparation and packaging with a manufacturing production of average of approximately 49 tonnes per day. The installation has a manufacturing capacity of 90 tonnes per day. Process hot water is supplied by two primary boilers, one back up boiler, and two pressure release valves and vents from tanks with an aggregated thermal input of 2.054 MWth.

The activities are permitted under:

- 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 combination and separate products, with a finished product production capacity equal to or greater than 75 tonnes per day.
- Section 5.4 Part A (1)(a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.

The installation is located in an industrial and commercial area in Boston, Lincolnshire, National Grid Reference TF 33158 42505. This permit authorises the treatment and processing of animal and vegetable raw materials other than milk only intended for the production of food or feed, both in combined and separate products, with a finished product production capacity equal to or greater than 75 tonnes per day (covered in Section 6.8 Part A(1)d(iii)(aa), in Part 2 to Schedule 1 of the Environmental Permitting Regulations 2016).

The treatment of effluent is also an installation activity and falls under S5.4 Part A(1) (a) (ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.

The emissions from the installations are releases to air from the boilers. The pollutants associated with this step are from combustion exhaust gases. This is not subject to any abatement, however, the Environment Agency requires the operator to produce an odour management plan to control potential odours from this point source and any diffuse sources.

Uncontaminated surface water from the south and east of the site runs into a small brook that is and drains to the South Forty drain, the brook is located adjacent to the southeast site boundary. This brook is designated a Nitrate Vulnerable Zone. All effluent generated will drain to an effluent treatment plant which is first filtered through drain catch pots before discharge to one of two 25m³ concrete drainage sumps. The effluent stored in these sumps is further filtered into two waste streams to remove process debris such as salad. The two waste streams are then mixed into a 40m³ bunded buffer tank with cascade aeration providing balancing and homogenising the effluent.

Cleaned effluent is then discharged to Anglian Water foul sewer via flow measurement and is subject to a Trade Effluent Consent. Rainwater falling on the external eastern edge of the Site also enters the effluent drain. This eventually discharges to the Witham Haven. The pollution concentrations of these substances have been assessed to be insignificant.

All plant and process areas are on sealed hardstanding within a building. All tanks containing liquids whose emissions to land and water could cause pollution are stored in bunded storage containers.

There are European protected habitat sites within the relevant screening distances but no SSSIs. There are also several wildlife sites located within 2km of the 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/JP3942YV/A001	Duly made 26/04/2023	Application for bespoke installation permit for pre-packed salad making factory.
Additional information received	27/03/2023	Resubmitted F1 and B2 forms, air dispersion modelling data, submitted B6 form, site map showing drainage plan, additional information for noise management plan, amended tables for additional point source emissions to air.
Additional information received	17/04/2023	Submitted Odour Management Plan. Additional information for non-statutory habitats and species assessment.
Permit determined EPR/JP3942YV Billing ref. JP3942YV	09/10/2023	Permit issued to Greencore Food to Go Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/JP3942YV

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

Greencore Food To Go Limited (“the operator”),

whose registered office is

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

company registration number 00721411

to operate an installation at

**Greencore Boston
The Found Riverside Industrial Estate
Marsh Lane
Boston
PE21 7PJ**

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

Name	Date
Rebecca Brough	09/10/2023

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.

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

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

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, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

3.5 Monitoring

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

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

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

3.6 Pests

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

4 Information

4.1 Records

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

4.2 Reporting

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

- 4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR4 etc.) 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 "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	S6.8 Part A(1) (d) (iii) (aa)	Treatment and processing of 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 to despatch of finished product. Production capacity is greater than 75 tonnes per day
AR2	S5.4 Part A(1) (a) (ii)	Physico-chemical Treatment of non-hazardous waste waters by pH adjustment and Dissolved air flotation	From generation of wastewater to discharge to foul sewer Daily capacity of up to 575m ³
Directly Associated Activity			
AR3	Steam supply	Operation of boilers to generate steam. 3 x 0.569 MWth natural gas hot water boilers and 2 x 0.458MWth natural gas steam boilers	From receipt of fuel to release of products of combustion to air. Only 2 x 0.569MWth shall run at the same time with the third for standby purposes only.
AR4	Storage of raw materials	Ambient, refrigerated, and frozen storage of raw materials	From receipt of raw materials to use in manufacture
AR5	Storage and use of chemicals	Storage and use of chemicals for cleaning and operation of effluent treatment plant	From receipt of chemicals storage and use of chemical
AR6	Waste storage and handling	Storage and handling of wastes	From generation to removal from site for recovery or disposal
AR7	Refrigeration and chilling	Operation of blast chillers, chilled storage and freezers using ammonia	Refrigeration equipment for the colling of the site in process and despatch areas

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Application form Parts B2(v18) and B3(v12) of the application Form including technical standards listed in Table 3a of form B3.	13/01/2023

Table S1.2 Operating techniques		
Description	Parts	Date Received
	Application supporting documents including: <ul style="list-style-type: none"> • Appendix Aii – Site Drainage map • Appendix Ai – Site layout map • Appendix C – Site Condition Report • Appendix B – BAT Assessment • Appendix Aiii - Site emission points map • Appendix Di – Air Quality Assessment • Appendix F – Surface Water Risk Assessment (1) • Appendix E – Raw Materials and Tank Inventory • Appendix G – Boston Climate Change Agreement • Part B2 form • Part B3 form • Main Application Supporting Document • WQRST Screening Report – Water • WQRST Screening Report - Air • Stage 1 Habitats Regulations Assessment 	
Additional information	The supporting information documents in response to our “request for information” prior to duly making application and referenced JP3942YV/A001 <ul style="list-style-type: none"> • Part B6 form • V2 Main Application Supporting Document 	27/03/2023
Additional information	The supporting information documents in response to our “request for information” after decision of the reasoning behind the initial request and prior to duly making application referenced JP3942YV/A001 <ul style="list-style-type: none"> • V3 Main Application Supporting Document • Appendix Aii – Site Drainage Map (revised) • V2 Part B2 form • Appendix Dii – Modelling Data • Odour Management Plan 	17/04/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall provide a revised written Environmental Management System (EMS) plan to the Environment Agency for approval that meets the requirement of BATc 1 and ISO14001:2015 standard by 4th December 2023.</p> <p>The operator is to comply with BATc 1, i, ii, iv, v, vii, x, xii, xiv, xv, xvii, xix as well as incorporating the odour management plan (BAT 15), inventory of inputs & outputs to increase resource efficiency and reduce emissions (BATc 2), and energy efficiency plan (BATc 6) into their EMS plan by 4th December 2023</p>	04/12/2023
IC2	The operator shall submit a written plan to the Environment Agency to meet BATc 2 (iii) and BATc 3 for approval that includes:	04/12/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>Proposals to undertake representative monitoring of point source to sewer emissions listed in table S3.1.</p> <p>Currently flow, pH and temperature are only monitored by Anglian Water. The operator will start monitoring discharge from the on-site ETP KPIs.</p> <p>The proposals shall include the following monitoring requirements:</p> <ul style="list-style-type: none"> • The emission points that are to be monitored (S1) • Monitoring for: <ul style="list-style-type: none"> ○ Flow ○ pH ○ Temperature <p>Monitoring shall either be MCerts certification or MCerts accreditation, where available, unless otherwise agreed in writing by the Environment Agency.</p>	
IC3	<p>The operator will implement a procedure for the continual identification of chemicals less harmful to the environment by 4th December 2023 in compliance with BATc 8 and the Water Framework Directive (WFD) (2000/60/EC). The procedure should include completion of a report which assesses:</p> <ul style="list-style-type: none"> • Identification of current hazardous chemicals used for cleaning and/or in the production process • Evaluation of non-hazardous alternatives • Identifying ways of optimising the design and construction of storage, process equipment and process areas 	04/12/2023
IC4	<p>The Operator shall undertake a survey of the primary, secondary and tertiary containment at the site and review measures against relevant standard including:</p> <ul style="list-style-type: none"> • CIRIA Containment systems for the prevention of pollution (C736) – Secondary, tertiary and other measures for industrial and commercial premises • EEMUA 159 - Above ground flat bottomed storage tanks. The operator shall submit a written report to the Environment Agency approval which outlines the results of the survey and the review of standard and provide details of: <ul style="list-style-type: none"> ○ current containment measures ○ any deficiencies identified in comparison to relevant standards ○ improvements proposed ○ time scale for implementation of improvements <p>The operator shall implement the proposed improvements in line with the timescales agreed by the Environment Agency.</p> <p>References:</p> <ol style="list-style-type: none"> 1. https://www.gov.uk/guidance/pollution-prevention-for-businesses 2. https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit 	Within 6 months of permit issue

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	3. CIRIA C736 Containment systems for the prevention of pollution- <i>Secondary, tertiary and other measures for industrial and commercial premises</i> , London 2014, ISBN: 978-0-86017-740-1	

Schedule 2 – Waste types, raw materials and fuels

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

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]	Boiler House 1 High Pressure Hot Water (HPHW) 0.569 MWth Boiler using natural gas	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	--	--	--
		Carbon monoxide	No limit set			--
A2 [Point A2 on site plan in Schedule 7]	Boiler House 1 HPHW 0.569 MWth Boiler using natural gas	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	--	--	--
		Carbon monoxide	No limit set			--
A3 [Point A3 on site plan in schedule 7]	Boiler House 1 HPHW 0.569 MWth Boiler using natural gas	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	--	--	--
		Carbon monoxide	No limit set			--
A4 – A7	Pressure release valves and vents from tanks	No parameter set	No limit set	--	--	--
A8 [Point A8 on site plan in schedule 7]	Boiler House 2 HPHW 0.458 MWth Boiler using natural gas	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	--	--	--
		Carbon monoxide	No limit set			--
A9 [Point A9 on site plan in schedule 7]	Boiler House 2 HPHW 0.458 MWth Boiler using natural gas	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	--	--	--
		Carbon monoxide	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
A10	Vent from Tray wash	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
W1 on site plan in schedule 7 emission to surface water drainage north of site	Uncontaminated surface water from surfaced areas (parking lot, yard and roofs)	No parameter set	No limit set	--	--	--
W2 on site plan in schedule 7 emission to surface water drainage north of site	Uncontaminated surface water from surfaced areas (parking lot, yard and roofs)	No parameter set	No limit set	--	--	--
W3 on site plan in schedule 7 emission to surface water drainage southeast of site into ditch	Uncontaminated surface water from surfaced areas (yard and roofs)	No parameter set	No limit set	--	--	--
W4 on site plan in schedule 7 emission to surface water drainage southeast of site into ditch	Uncontaminated surface water from surfaced areas (yard and roofs)	No parameter set	No limit set	--	--	--
W5 on site plan in schedule 7 emission to surface water drainage southeast of site into ditch	Uncontaminated surface water from surfaced areas (yard and roofs)	No parameter set	No limit set	--	--	--
W6 on site plan in schedule 7 emission to surface water	Uncontaminated surface water from surfaced	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
drainage southeast of site into ditch	areas (yard and roofs)					

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 Anglian Water, Boston Sewage Treatment Works	On-site effluent treatment plant	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.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
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Table S4.2: Annual production/treatment	
Parameter	Units
Total food products manufactured (finished products)	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Waste disposed and recovered	Annually	tonnes
Food waste	Annually	tonnes
COD efficiency	Annually*	COD te/te product
*COD efficiency to be calculated on a weekly frequency, reported annually		

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	09/10/2023
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	09/10/2023
Food waste	Food waste Reporting Form, or other form as agreed in writing by the Environment Agency	09/10/2023
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	09/10/2023

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/JP3942YV
Name of operator	Greencore Food To Go Limited
Location of Facility	Greencore Boston
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.

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

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

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

“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.

“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.

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 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.

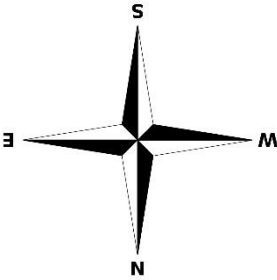
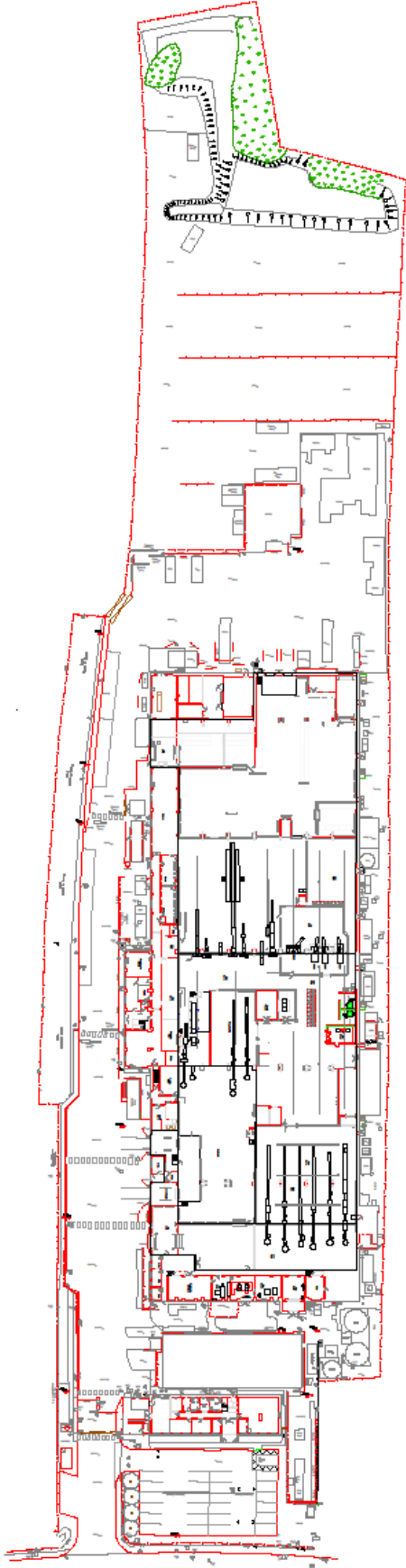
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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, 6% dry for solid fuels; and/or

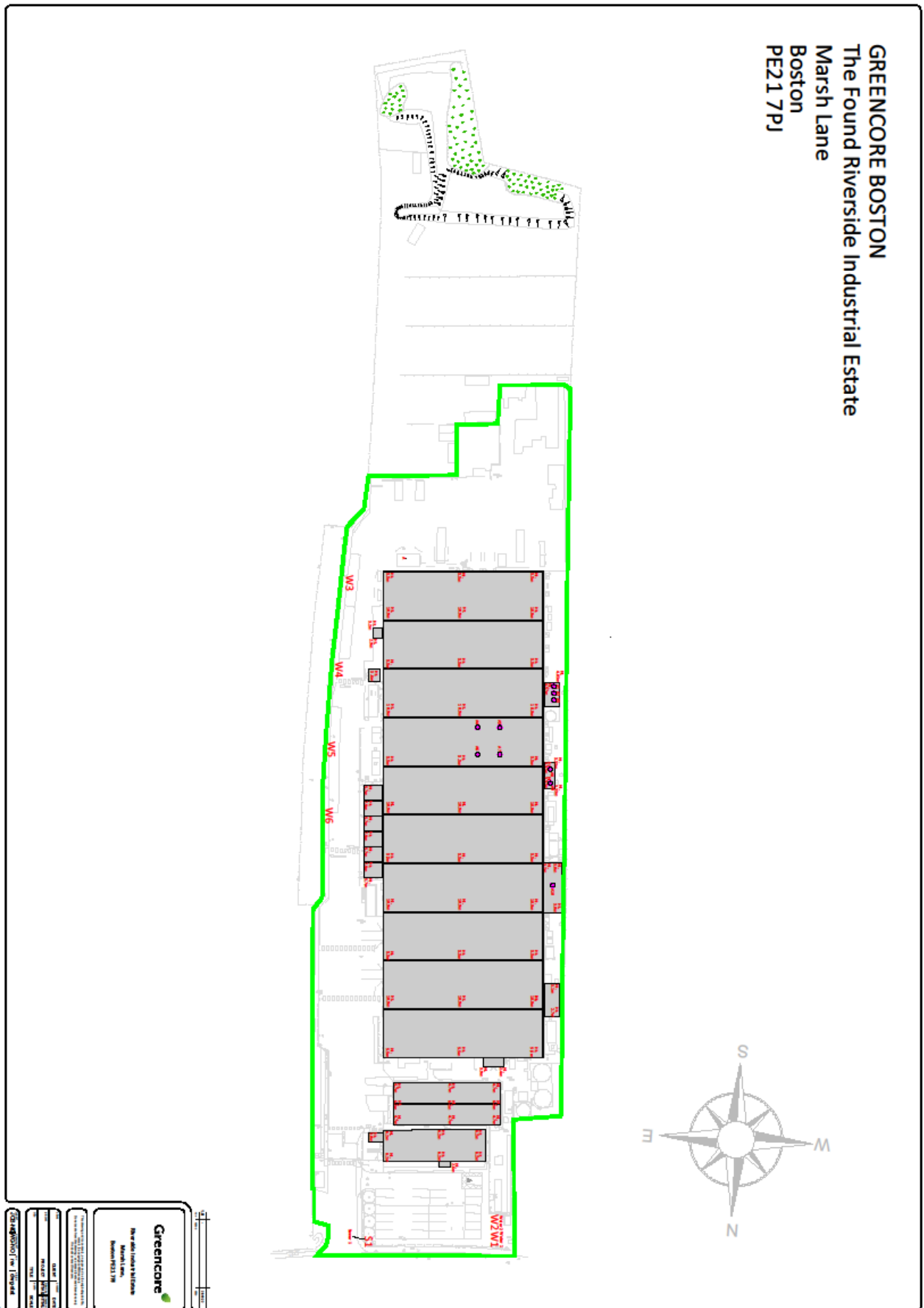
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels ; and/or

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



Boston site Emission Point and boundary plan



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END OF PERMIT

Reporting Forms

Water Usage Reporting Form

Permit number: EPR/JP3942YV

Operator: Greencore Food To Go Limited

Facility name: Greencore Boston

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m³)	Specific water usage (m³/unit) ²
Mains water	<i>[insert annual usage in m³ where mains water is used]</i>	<i>[insert annual usage in m³/unit where mains water is used]</i>
Site borehole	<i>[insert annual usage in m³ where water is used from a site borehole]</i>	<i>[insert annual usage in m³/unit where water is used from a site borehole]</i>
River abstraction	<i>[insert annual usage in m³ where abstracted river water is used]</i>	<i>[insert annual usage in m³/unit where abstracted river water is used]</i>
Other – <i>[specify other water source where applicable. Add extra rows where needed]</i>	<i>[insert annual usage in m³ where applicable]</i>	<i>[insert annual usage in m³/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m³]</i>	<i>[insert total annual water usage in m³/unit]</i>

Operator's comments

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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

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

Energy Usage Reporting Form

Permit number: EPR/JP3942YV

Operator: Greencore Food To Go Limited

Facility name: Greencore Boston

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year [YYYY]

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

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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

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

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

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

Other Performance Parameters Reporting Form

Permit number: EPR/JP3942YV

Operator: Greencore Food To Go Limited

Facility name: Greencore Boston

Other Performance Parameters Reporting Form: version 1, 08/03/2021

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

Parameter	Units
<i>[e.g. Total raw material usage]</i>	<i>[e.g. tonnes per production unit]</i>

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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