

# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

---

Nestle UK Ltd and General Mills Canada Holding Three Corporation

Cereal Partners UK, Bromborough  
Port Causeway  
Bromborough  
Wirral  
Merseyside  
CH62 4TH

### **Variation application number**

EPR/QP3836AM/V003

### **Permit number**

EPR/QP3836AM

# Cereal Partners UK, Bromborough

## Permit number EPR/QP3836AM

### 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 4<sup>th</sup> December 2019 in the official journal of the European Union.

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

The schedules specify the changes made to the permit.

The main features of the permit are as follows.

The installation is located in a predominately industrial area of Bromborough, Merseyside and has been used for the manufacture of cereal products since 1959, with expansion onto a neighbouring site in 2003. Cereal Partners UK, Bromborough, is operated by a partnership between Nestle UK Ltd and General Mills Canada Holding Three Corporation. The installation is centred around national grid reference SJ 34860 83710.

The installation came into regulation due to the 2013 update to the Environmental Permitting Regulations that implemented the Industrial Emissions Directive and redefined permit thresholds for the food & drink sector to those based on the maximum theoretical capacity of the installation, rather than the actual manufacturing production capacity.

The primary listed activity falls under Section 6.8 Part A(1)(d)(ii) of the Environmental Permitting Regulations (EPR) 2016:

- The treatment and processing of only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day or 600 tonnes per day where the installation operates for a period of no more than 90 consecutive days in any year.

There is also a secondary listed activity which falls under Section 5.4 A(1)(a)(ii) of EPR 2016. This activity relates to the operation of the on-site effluent treatment plant (ETP):

- Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment.

The site's maximum finished production capacity is 185 tonnes per day (t/d).

The operations undertaken within the installation include mixing and cooking of the raw ingredients including grains and sugar, toasting, drying, cooling and packaging. The final cereal products include corn flakes, bran flakes, Cheerios and rice products. Steam for the process is generated by a Combined Heat and Power (CHP) plant, which has an ultra-low NO<sub>x</sub> burner to reduce NO<sub>x</sub> emissions and a heat recovery steam generator (HRSG). Particulate emissions to air from the processes are controlled at source and are abated with the use of jet bag filters and dust cyclones, which also reduce the potential for release of odour.

The CHP natural gas-fired turbine (emission point A1) has a thermal input of 13.2 megawatts (MWth). This classifies as an existing MCP as it began operating before 20<sup>th</sup> December 2018.

Boilers 1, 2 and 3 (emission point A2, which is a shared windshield) are for standby use only, operating less than 500 hours, fired on natural gas. These boilers classed as existing, limited operating hours MCP and are therefore exempt from Emission Limit Values (ELVs).

Emission points A3 and A4 for the VXP1 and VXP2 steam generator stacks have been removed from the permit as part of this variation as they are disconnected and defunct.

The cleaning of plant and equipment employs Cleaning in Place (CIP) procedures and the drains in the process areas are fitted with catchpots. Process water and wastewater from raw material and waste storage areas are directed to an on-site effluent treatment plant (ETP). The operator carries out screening to remove solids from the waste water stream and balances pH before it is discharged to sewer under a discharge consent with United Utilities Water. The site's environmental management system is certified to the requirements of ISO 14001.

The Mersey Estuary is approximately 720 metres east of the site and is designated as a Special Protection Area (SPA), Site of Special Scientific Interest (SSSI) and a Ramsar site. The Dee Estuary Special Area of Conservation (SAC), SPA and Ramsar; the Mersey Narrows & North Wirral Foreshore SPA and Ramsar; the Liverpool Bay SPA and two additional SSSIs are also within the screening distance. The nearest residential properties are approximately 20 metres southwest of the site, on Port Causeway Road.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/QP3836AM/V003	Duly made 10/08/2015	Application for a new bespoke permit for a food and drink installation manufacturing cereal products.
Additional information received	10/06/2016	Updated Site Condition Report and emission point plan.
Permit determined EPR/QP3836AM	15/06/2016	Permit issued to Nestle UK Ltd and General Mills Canada Holding Three Corporation.
Application EPR/QP3836AM/V002 (variation)	15/09/2023	Application received to change the registered address of the Operator: Nestle UK Ltd.
Application EPR/QP3836AM/V002 returned	07/11/2023	Application returned as the declaration was not signed by both partners.
Application EPR/QP3836AM/V003 (variation and consolidation)	Regulation 61 Notice response received 29/11/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Additional information received	02/04/2024	Additional information regarding BAT Conclusions 9, 11 and 14. Confirmation to remove emission points A3 and A4.
Variation determined and consolidation issued EPR/QP3836AM	28/06/2024	Varied and consolidated permit issued in modern format.

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/QP3836AM**

### Issued to

**Nestle UK Ltd** (“the operator”)

whose registered office is

**Haxby Road**

**York**

**YO31 8TA**

company registration number 00051491

AND

**General Mills Canada Holding Three Corporation** (“the operator”)

whose registered office is

**1300 – 1969 Upper Water Street**

**Purdy’s Wharf**

**Tower II**

**Halifax**

**Nova Scotia**

**Canada**

**B3J 3R7**

registry ID 3272345

and whose principal office in the UK is

**2 Albany Place**

**28 Bridge Road East**

**Welwyn Garden City**

**Hertfordshire**

**AL7 1RR**

to operate a regulated facility at

**Cereal Partners UK, Bromborough**

**Port Causeway**

**Bromborough**

**Wirral**

**Merseyside**

**CH62 4TH**

to the extent set out in the schedules.

The notice shall take effect from 28/06/2024.

Name	Date
<b>Katie Dunmore</b>	<b>28/06/2024</b>

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/QP3836AM**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/QP3836AM/V003 authorising,

**Nestle UK Ltd** (“the operator”),

whose registered office is

**Haxby Road  
York  
YO31 8TA**

company registration number 00051491

AND

**General Mills Canada Holding Three Corporation** (“the operator”)

whose registered office is

**1300 – 1969 Upper Water Street  
Purdy’s Wharf  
Tower II  
Halifax  
Nova Scotia  
Canada  
B3J 3R7**

registry ID 3272345

and whose principal office in the UK is

**2 Albany Place  
28 Bridge Road East  
Welwyn Garden City  
Hertfordshire  
AL7 1RR**

to operate an installation at

**Cereal Partners UK, Bromborough  
Port Causeway  
Bromborough  
Wirral  
Merseyside  
CH62 4TH**

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

Name	Date
<b>Katie Dunmore</b>	<b>28/06/2024</b>

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 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 (AR3) 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.
- 3.1.5 For the following activities referenced in schedule 1, table S1.1 (AR 3b). Limited Operating Hours MCPs shall:
  - (a) Not exceed 500 hours operation in a 12 month period as a rolling average over a 3 year period, for new MCPs and over a 5 year period for existing MCPs, and thereafter assessed annually.
  - (b) Not operate for more than 750 hours in any single year.

## **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.
- 3.3.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **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 "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
AR1	Section 6.8 A(1)(d)(ii)	<p>Treating and processing materials intended for the production of food products from vegetable raw materials at plant with a finished product production capacity of more than 300 tonnes per day (average value on annual basis)</p> <p>The manufacture of cereal products including mixing and cooking of the raw ingredients, toasting, drying, cooling and packaging</p>	<p>From receipt of raw materials delivered to the site to the despatch of final cereal products.</p> <p>Production capacity is limited to 350 tonnes per day</p>
AR2	Section 5.4 Part A(1)(a)(ii)	Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by physico-chemical treatment	From generation of waste water from on-site processes by screening to remove solids and pH adjustment prior to discharge to United Utilities Waters' sewer
<b>Directly Associated Activity</b>			
AR3	Steam and electrical power supply	<p>Medium Combustion plant:</p> <p>a) 13.2 MWth natural gas-fired CHP</p> <p>b) 3 x 7.3 MWth natural gas-fired standby boilers (operating less than 500 hours per year)</p> <p>For the generation of steam for the process</p>	From receipt of fuel to release of products of combustion to air
AR4	Raw material storage and handling	Storage and handling of raw materials at the installation	From receipt of raw materials to despatch of final product
AR5	Use of refrigerants	Use of refrigerants in cooling, chilling and/or freezing systems at the installation	From receipt of raw materials to despatch of final product
AR6	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
AR7	Waste storage and handling	Storage and handling of waste materials	From generation of waste to storage pending removal for disposal or recovery
AR8	Surface water drainage	Collection of uncontaminated site surface waters	Handling and storage of site drainage until discharge to the site surface water system.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/QP3836AM/A001	Environmental Permit Application document ref: 47071888/LERP0001 including references within to Guidance for the Food and Drink Sector (EPR 6.01) and the BREF for Food, Drink and Milk Industries (August 2006). Environmental Risk Assessment document ref: 47071888/LERP0003	Duly Made 10/08/2015
Regulation 61 (1) Notice – Responses to questions dated 09/06/2022	All parts	Received 29/11/2022
Regulation 61(1) Notice – request for further information dated 28/03/2024	Technical standards in relation to Best available techniques as described in BAT conclusions under Directive 2010/75/EU of the European Parliament and of the Council on establishing best available techniques (BAT) conclusions for the food, drink and milk industries, BAT Conclusion Numbers 9, 11 and 14. Confirmation to remove emission points A3 and A4.	Received 02/04/2024

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC6	The operator shall confirm, achievement of the 'Narrative' BAT conclusions as identified in the Food, Drink and Milk BREF published on 4 December 2019 where BAT is currently not demonstrated or achieved with respect to BATc 9. Refer to BAT Conclusions for a full description of the BAT requirement.	3 months from date of issue or as agreed in writing by the Environment Agency
IC7	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.  To demonstrate compliance against BAT 9, the operator shall produce a plan for the onsite refrigerant system(s) at the installation. The plan is to be assessed by the Environment Agency and shall be incorporated within the existing environmental management system.  The plan should include, but not be limited to, the following: <ul style="list-style-type: none"> <li>• Where practicable, retro filling systems containing high GWP refrigerants e.g. R-404A with lower GWP alternatives as soon as possible.</li> <li>• An action log with timescales, for replacement of end-of-life equipment using refrigerants with the lowest practicable GWP.</li> </ul>	3 months from date of issue or as agreed in writing by the Environment Agency
IC8	The Operator shall undertake a survey of the primary, secondary and tertiary containment at the site and review measures against relevant standard including: <ul style="list-style-type: none"> <li>• CIRIA Containment systems for the prevention of pollution (C736) – Secondary, tertiary and other measures for industrial and commercial premises,</li> <li>• EEMUA 159 - Above ground flat bottomed storage tanks</li> </ul> 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:	12 months from permit issue

**Table S1.3 Improvement programme requirements**

<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<ul style="list-style-type: none"><li>• current containment measures</li><li>• any deficiencies identified in comparison to relevant standards,</li><li>• improvements proposed</li><li>• time scale for implementation of improvements.</li></ul> <p>The operator shall implement the proposed improvements in line with the timescales agreed by 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
---	---



## 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 [Note 2]	1 x 13.2 MWth CHP natural gas-fired turbine and HRSG	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	200 mg/m <sup>3</sup> [Note 1]	Periodic	Every three years	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Every three years	BS EN15058
A2 [Note 2]	Boiler house 3 x 7.3MWth natural gas-fired standby boilers (operating less than 500 hours per year)	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	No limit set	--	--	--
		Carbon monoxide	No limit set	Periodic	Every three years	BS EN15058
A5 [Note 2]	Hot water boiler stack	No parameters set	No limit set	--	--	--
A8 [Note 2]	Rice jetzone toaster exhaust	No parameters set	No limit set	--	--	--
A9 a, b, c & d [Note 2]	Cornflakes thermoglide toaster exhaust		No limit set	--	--	--
A10 a, b, c & d [Note 2]	Coated flakes jetzone toaster exhaust		No limit set	--	--	--
A11 [Note 2]	Cornflakes ventilex fluidised bed dryer exhaust		No limit set	--	--	--
A12 a & b [Note 2]	Honey nut flakes jetzone toaster exhaust		No limit set	--	--	--
			No limit set	--	--	--

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

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A13 <sup>[Note 2]</sup>	Coated flakes ventilex fluidised bed dryer exhaust	Particulate matter	No limit set	--	--	--
A14 a, b & c <sup>[Note 2]</sup>	Branflakes jetzone toaster exhaust		No limit set	--	--	--
A15 <sup>[Note 2]</sup>	Dust collector Brom 1		No limit set	--	--	--
A16 a & b <sup>[Note 2]</sup>	Dust collector Brom 2		No limit set	--	--	--
A17 <sup>[Note 2]</sup>	Cheerios dryer cooler fan discharge		No limit set	--	--	--
A18 <sup>[Note 2]</sup>	Cornflakes dryer cooler fan discharge		No limit set	--	--	--
A19 <sup>[Note 2]</sup>	Cheerios scrubber fan discharge		No limit set	--	--	--
A20 as shown on Emission Points drawing dated June 2016	Cornflakes grit dryer exhaust		No limit set	--	--	--
A21 as shown on Emission Points drawing dated June 2016	Rotary dough dryer exhaust		No limit set	--	--	--
A22 as shown on Emission Points drawing dated June 2016	Coated Cornflakes grit dryer cooler exhaust		No limit set	--	--	--
A23 as shown on Emission Points drawing dated June 2016	Bran dryer cooler exhaust	No limit set	--	--	--	

Note 1: The limits shall only apply from 01/01/2025 (unless the CHP is replaced).

Note 2: As labelled on site plan in Schedule 7.

**Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site–emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 <sup>[Note 1]</sup> Main discharge to United Utilities' sewer on Dock Road South	Treated process effluent from onsite effluent treatment plant and surface water run-off	No parameters set	No limits set	--	--	--
S2 <sup>[Note 1]</sup> Emergency discharge to United Utilities' sewer on Port Causeway	Treated process effluent from onsite effluent treatment plant and surface water run-off	No parameters set	No limits set	--	--	--
S3 <sup>[Note 1]</sup> Emergency discharge to United Utilities' sewer on Thermal Road	Treated process effluent from onsite effluent treatment plant and surface water run-off	No parameters set	No limits set	--	--	--

Note 1: As labelled on site plan in Schedule 7.

## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Point source emissions to air Parameters as required by condition 3.5.1	A1	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
Point source emissions to sewer Parameters as required by condition 3.5.1	S1	Every 6 months	1 January, 1 July

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Total product produced	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Waste	Annually	tonnes
COD loss efficiency	Annually <sup>[Note 1]</sup>	COD te/te product
Food waste	Annually	tonnes

Note 1: COD efficiency to be calculated on a weekly frequency, reported annually.

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
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
Point source emissions to sewer	Emissions to Sewer 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

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
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	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the breach of permit conditions not related to limits</b>	
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.	

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
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.

“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.

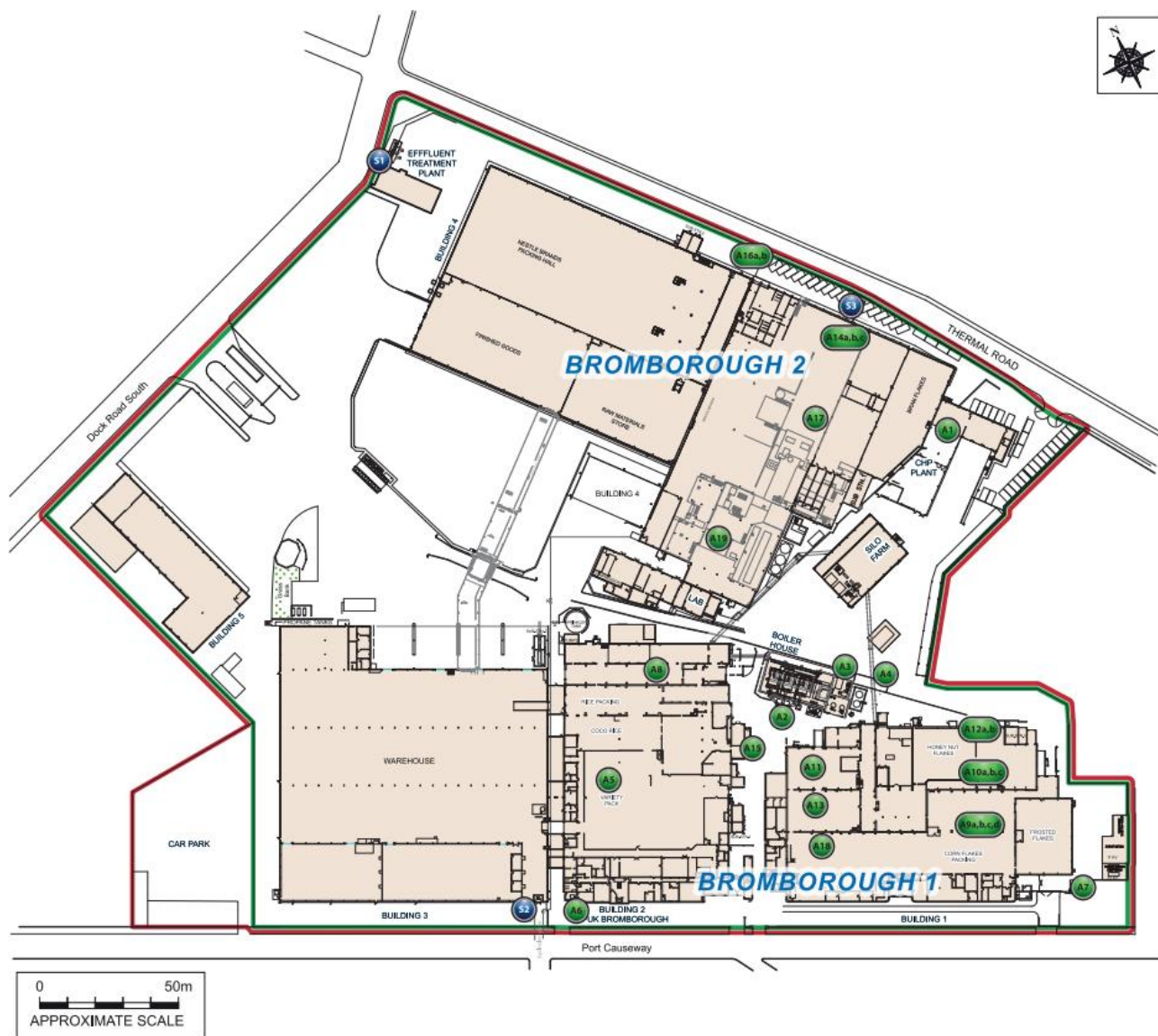
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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 6% dry for solid 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



©Crown Copyright. All rights reserved. Environment Agency, 100024198, 2024.

END OF PERMIT