

# Notice of variation and consolidation with introductory note

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

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Kerry Ingredients (UK) Limited

Gainsborough Grain Mill  
Carr Lane  
Gainsborough  
Lincolnshire  
DN21 1LQ

**Variation application number**

EPR/NP3332PJ/V002

**Permit number**

EPR/NP3332PJ

# Gainsborough Grain Mill

## Permit number EPR/NP3332PJ

### 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 directive and incorporated post-dated requirements for 2030.

The schedules specify the changes made to the permit.

The installation is a grain mill which convert wheat into flour and its co-products in addition the site carries out associated activities with the flour which produce additional products. The site is located on Carr Lane, approximately 1.5 km south of Gainsborough, centred at NGR SK 81194 88425, and adjacent to River Trent.

The Environmental Permit is for the following scheduled activities:

*Section 6.8 Part A(1)(d)(ii) - Treatment and processing of vegetable raw materials for the intended production of flour and associated co-products at a plant with a finished product capacity greater than 300 tonnes per day.*

The production capacity of the flour and co-products is 360 tonnes per day. Manufacturing is carried out up to 24/7 up to 52 weeks a year.

The site also produces a range of additional products utilising the flour produced in the directly associated activities these include blends, batters, and breadcrumbs.

The main activities carried out on site include:

**Grain Milling:** the grain milling process on site includes raw material handling and storage, processing, and despatching. The processing includes wheat cleaning (by mechanical and air separation methods), grinding the wheat and separating the flour fractions as well as the transportation of raw materials using enclosed conveying equipment for further treatment, packing area or bulk storage.

**Flour Heat Treatment:** the site carries out heat treatment using VOMM technology to produce specialised products.

**Blending Plant:** the site has two blending plants which are fully computerised systems which blend the produced flour and other raw materials to produced specialised products known as blends and batters. The blending plants are fully automated which include packing, labelling, palletisation, and hooding.

**Crumb Plant:** this process includes baking of a bread-like product which is then crushed/ground to produce breadcrumbs which can be graded to different sizes as required.

The sites main emissions to air consist of particulate matter from the grain milling process which are abated via bag filters. In addition, there are emissions of combustion gases from onsite steam boilers and ovens.

The only wastewater produced from the site are from cleaning process and boiler blowdown, which are discharged to Severn Trent sewer. Uncontaminated surface water runoff is discharged to the Humble Carr Dyke leading to River Trent.

There are no European sites located within 10km of the site. The Lea Marsh Site of Special Scientific Interest (SSSI) and eight Local Wildlife Sites and an Ancient Woodland are located within 2km of the site.

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 received NP3332PJ	22/03/2005	
Additional information requested 02/06/2005	22/06/2005	
Permit determined	19/10/2005	Permit issued to Kerry Ingredients (UK) Limited
Application EPR/NP3332PJ/V002 (variation and consolidation)	Regulation 61 Notice response received 20/07/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Additional information received	08/06/2023	Updated R61 response tool to update missing information relating to BAT28, specific energy EPL, water emissions, combustion plants on site, climate change adaptation, site condition report, and containment.
	23/11/2023	Additional information related to the DAAs on site, BAT1, BAT2, BAT7, BAT8, BAT9, BAT10, BAT14, water emissions, and site boundary were obtained in a meeting with the operator.
	29/11/2023	Additional information relating to BAT9 and production capacity.
	13/02/2024	Confirmation of emission point sources, locations and updated emission point plan
Variation determined and consolidation issued EPR/NP3332PJ (Billing ref. GP3645QU).	12/03/2024	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/NP3332PJ

### Issued to

**Kerry Ingredients (UK) Limited** (“the operator”)

whose registered office is

**Kerry**

**Bradley Road**

**Royal Portbury Dock**

**Bristol**

**BS20 7NZ**

company registration number 00329695

to operate a regulated facility at

**Gainsborough Grain Mill**

**Carr Lane**

**Gainsborough**

**Lincolnshire**

**DN21 1LQ**

to the extent set out in the schedules.

The notice shall take effect from 12/03/2024

Name	Date
Stacey Tapsell	12/03/2024

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/NP3332PJ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/NP3332PJ/V002 authorising,

**Kerry Ingredients (UK) Limited** (“the operator”),

whose registered office is

**Kerry**

**Bradley Road**

**Royal Portbury Dock**

**Bristol**

**BS20 7NZ**

company registration number 00329695

to operate an installation at

**Gainsborough Grain Mill**

**Carr Lane**

**Gainsborough**

**Lincolnshire**

**DN21 1LQ**

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

Name	Date
Stacey Tapsell	12/03/2024

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.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1 (AR3 - Medium Combustion Plants) the first monitoring measurements shall be carried out within four months of 01/01/2030 or of the date when the MCP is first put into operation, whichever is later.

## **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (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, 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 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	S6.8 A(1)(d)(ii)	Treatment and processing of only vegetable raw materials, intended for the production of food or feed at a plant with a finished product production capacity greater than 300 tonnes per day.	From receipt of raw materials through to dispatch of final products consisting of flour and associated co-products. Production capacity is limited to 360 tonnes per day.
<b>Directly Associated Activity</b>			
AR2	Heat generation	<u>Medium Combustion Plant</u> 1.16MWth thermal oil heater fired on natural gas	From receipt of fuel to release of products of combustion to air.
AR3	Steam supply	<u>Non-Medium Combustion Plants:</u> 2 x 0.37MWth natural gas fired steam boilers	From receipt of fuel to release of products of combustion to air.
AR4	Heat treatment plant	Heat treatment of flour to produce specialised products	From receipt of flour into the heat treatment plant to dispatch of heat-treated flours to other areas of the site or dispatched as a product.
AR5	Blending plant	Blending of flour and other raw materials producing blends and batters	From receipt of flour and raw materials into the blending plant to dispatch blends and batters as a product.
AR6	Crumb plant	Baking of bread-like product in ovens and processing to reduce the size to form crumbs	From receipt of flour and raw materials into the crumb plant to dispatch of crumbs as a product.
AR7	Use of refrigerants	Use of refrigerants in cooling, chilling systems at the installation.	From receipt of raw materials to dispatch of final product.
AR8	Waste storage and handling	Storage and handling of waste materials	From generation of waste to storage pending removal for disposal or recovery.
AR9	Surface water drainage	Collection of uncontaminated site surface waters	Handling and storage of site drainage until discharge to the Humble Carr Dyke leading to River Trent.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Regulation 61 (1) Notice – Responses to questions dated 31/01/2022	All parts	Received 20/07/2022
Regulation 61(1) Notice – request for further information dated 14/03/2023	Updated R61 Response Tool	Received 08/06/2023

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC6	<p>The operator shall submit, for approval by the Environment Agency, a monitoring procedure for particulate matter emissions from principal emission points on site. The procedure must describe how the operator will implement a rolling monitoring programme which shall include, but not be limited to the following:</p> <ol style="list-style-type: none"> <li>1. Methodology for how representative monitoring will be carried out annually, with a minimum of 3 point sources on a rolling-basis.</li> <li>2. Ensuring the key process stages, wheat cleaning, wheat milling and finished product handling including wheatfeed, are prioritised.</li> <li>3. Identify any principal emission points excluded from the rolling monitoring programme and provide a justification for this.</li> <li>4. Provide a commencement date for the programme which will demonstrate compliance with the permit requirements.</li> </ol> <p>The monitoring procedure shall address the requirements of BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 5.</p>	12/06/2024 unless otherwise agreed in writing by the Environment Agency
IC7	<p>The operator shall submit, for approval by the Environment Agency, a report demonstrating 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. The report shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>• Methodology applied for achieving BAT</li> <li>• Demonstrating that BAT has been achieved</li> </ul> <p>The report shall address the BAT Conclusions for Food, Drink and Milk Industries with respect to BATc 6 (Energy Efficiency Plan).</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	12/06/2024
IC8	<p>The operator shall submit to the Environment Agency for approval a risk assessment considering the possibility of soil and groundwater contamination at the installation where the activity involves the use, production or release of a hazardous substances (as defined in Article 3 of Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures).</p> <p>A stage 1-3 assessment should be completed (as detailed within the EC Commission Guidance 2014/C 136/-3) as follows:</p>	12/12/2024 unless otherwise agreed in writing by the Environment Agency

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<ul style="list-style-type: none"> <li>• Stage 1 – Identify hazardous substance(s) used / stored on site.</li> <li>• Stage 2 – Identify if the hazardous substance(s) are capable of causing pollution. If they are capable of causing pollution, they are then termed Relevant Hazardous Substances (RHS).</li> <li>• Stage 3 – Identify if pollution prevention measures &amp; drains are fit for purpose in areas where hazardous substances are used / stored.</li> </ul> <p>If the outcomes of Stage 3 identifies that pollution of soil / ground water to be possible, the operator shall produce and submit a monitoring plan to the Environment Agency for approval detailing how the substance(s) will be monitored to demonstrate no pollution. The operator shall commence monitoring of the RHS within a timescale as agreed by the Environment Agency.</p>	
IC9	The Operator shall produce a Site Condition Report (SCR) in line with our H5 Guidance. The report shall contain the information necessary to determine the state of soil and groundwater and ensure this is maintained throughout the life of the permit by using the results to better inform the SPMP. The report shall be submitted to the Environment Agency for review.	12/03/2025 unless otherwise agreed in writing by the Environment Agency

## 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. & located on emission point plant in Schedule 7	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1	Grain intake 3 lower level with bag filter	No parameters set	No limit set	--	--	--
A2	Grain intake 2 mid level with bag filter	No parameters set	No limit set	--	--	--
A3	Mill Roof Screen Room & Bin Exhaust L16v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A4	Mill Roof Screen Room & Bin Exhaust L17v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A5	Mill Roof Screen Room & Bin Exhaust L18v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A6	Mill Roof Screen Room & Bin Exhaust L19v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A7	Mill pneumatics L1v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A8	Mill pneumatics L2v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A9	Mill pneumatics L3v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; located on emission point plant in Schedule 7</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>
A10	Mill pneumatics L5v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A11	Conveyor exhaust L6 with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A12	Mill Level 6 with bag filter	No parameters set	No limit set	--	--	--
A13	Mill ABC bin exhaust L10v with bag filter	No parameters set	No limit set	--	--	--
A14	Mill roof L11v DEFG bin exhaust with bag filter	No parameters set	No limit set	--	--	--
A15	Mill roof precision feed bins with bag filter	No parameters set	No limit set	--	--	--
A16	Mill roof classifier plant exhaust L13v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A17	Mill R bin exhaust with bag filter	No parameters set	No limit set	--	--	--
A18	Mill flour transfer plant L15v with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A19	Classifier pneumatic with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A20	Classifier pneumatic with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period	In line with the rolling monitoring procedure	BS EN 13284-1

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; located on emission point plant in Schedule 7</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>
				[NOTE 1]	[NOTE 2]	
A21	Classifier pneumatic with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A22 – A29	Mill day bin LX1 – LX4 with bag filters	No parameters set	No limit set	--	--	--
A30	Mill wheat feed plant exhaust LWF1x with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A31	Offal room	No parameters set	No limit set	--	--	--
A32 / A47 dual access	Voom Roof 1 FT5 with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A33 / A48 dual access	Voom Roof 1 FT3 with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A34 / A49 dual access	Voom Roof 1 FT7 with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A35	Mill Level 4 alpine mill exhaust with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A36	Mill Level 4 alpine mill exhaust with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A37	Blending 2 LEV with bag filter	Particulate matter	5 mg/m <sup>3</sup>	Average over sampling period	In line with the rolling monitoring procedure	BS EN 13284-1

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; located on emission point plant in Schedule 7</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>
				[NOTE 1]	[NOTE 2]	
A38	Boiler 3 Vomm Thermal Boiler (1.16 MWth) fuelled on natural gas	Oxides of Nitrogen (NO and NO2 expressed as NO2)	250 mg/m <sup>3</sup> [NOTE 3]	Periodic	Every three years	MCERTS BS EN 14792
		Carbon Monoxide	No limit set [NOTE 3]	Periodic	Every three years	MCERTS BS EN 15058
A39	Crumb Sieve & Mill LEV with bag filter	No parameters set	No limit set	--	--	--
A40	Crumb extraction 1	No parameters set	No limit set	--	--	--
A41	Crumb extraction 2	No parameters set	No limit set	--	--	--
<p>NOTE 1: Average value of three consecutive measurements of at least 30 minutes each.</p> <p>NOTE 2: The monitoring frequency shall be in line with the rolling monitoring procedure, as agreed in IC6.</p> <p>NOTE 3: The emission limit and/or monitoring requirements apply from 1 January 2030, unless otherwise advised by the Environment Agency or the boiler is replaced.</p>						

<b>Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements</b>						
<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>
W1 on Site Plan in schedule 7 emission to Humble Carr Dyke leading to River Trent	Uncontaminated surface water runoff from mill and blending yard areas	No parameters set	No limit set	-	-	-

**Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

<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 on site plan in schedule 7 emission to Severn Trent Water Sewer	Cleaning and boiler blowdown effluent	No parameters set	No limit set	-	-	-

## Schedule 4 – Reporting

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

<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	A3, A4, A5, A6, A7, A8, A9, A10, A11, A16, A18, A19, A20, A21, A30, A32/A47, A33/A48, A34/A49, A35, A36, A37	Every 12 months (in accordance with the rolling monitoring procedure, as agreed in IC6)	1 January
	A38	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

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Flour produced	tonnes
Wheatfeed 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 – recovery/disposal routes	Annually	tonnes

<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
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

<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	

<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>	
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>	
<b>To be notified within 24 hours of detection</b>	
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>	
<b>To be notified within 24 hours of detection</b>	
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.	
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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.

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

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

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

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

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

“Pests” means Birds, Vermin and Insects.

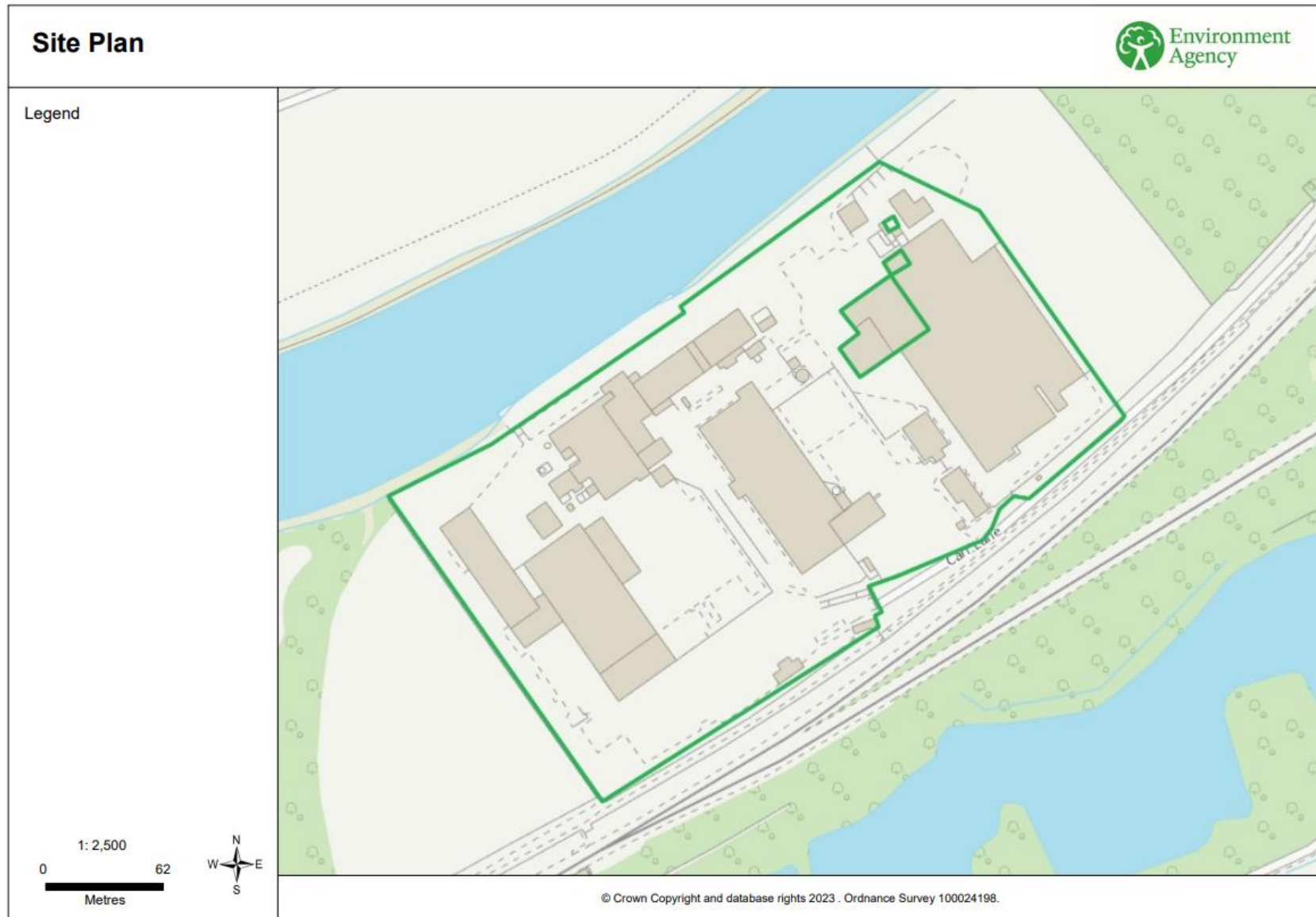
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels ; and/or
  - in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content

“year” means calendar year ending 31 December.

# Schedule 7 – Site plan



Emissions Point Plan



END OF PERMIT



**Signed:**     *[Name]*

**Date:**       *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- <sup>1</sup> Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- <sup>2</sup> Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- <sup>3</sup> For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- <sup>4</sup> Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

## Water Usage Reporting Form

Permit number: *EPR/NP3332PJ*

Operator: *Kerry Ingredients (UK) Limited*

Facility name: *Gainsborough Grain Mill*

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

Reporting of water usage for the year [YYYY]

<b>Water source</b>	<b>Water usage (m<sup>3</sup>)</b>	<b>Specific water usage (m<sup>3</sup>/tonne of product) <sup>2</sup></b>
Mains water	<i>[insert annual usage in m<sup>3</sup> where mains water is used]</i>	Not Applicable
Site borehole	<i>[insert annual usage in m<sup>3</sup> where water is used from a site borehole]</i>	Not Applicable
River abstraction	<i>[insert annual usage in m<sup>3</sup> where abstracted river water is used]</i>	Not Applicable
Other – <i>[specify other water source where applicable]. Add extra rows where needed]</i>	<i>[insert annual usage in m<sup>3</sup> where applicable]</i>	Not Applicable
Total water usage	<i>[insert total annual water usage in m<sup>3</sup>]</i>	<i>[insert total water use per tonne of product produced m<sup>3</sup>/t]</i>

**Operator's comments**

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**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**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/NP3332PJ*

**Operator:** *Kerry Ingredients (UK) Limited*

**Facility name:** *Gainsborough Grain Mill*

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

Reporting of energy usage for the year *[YYYY]*

<b>Energy source</b>	<b>Energy consumption / production (MWh)</b>	<b>Specific energy consumption (MWh/tonne of product) <sup>2</sup></b>
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>	Not Applicable
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>	Not Applicable
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	Not Applicable
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	Not Applicable
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>	Not Applicable
<b>Total</b>	<i>[insert total energy use in MWh]</i>	<i>[insert total energy use per tonne of product MWh/tonne of product]</i>

<b>Operator's comments</b>

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**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.

<sup>1</sup> 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.

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

## Other Performance Parameters Reporting Form

**Permit number:** *EPR/NP3332PJ*

**Operator:** *Kerry Ingredients (UK) Limited*

**Facility name:** *Gainsborough Grain Mill*

**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]*

<b>Parameter</b>	<b>Units</b>
<i>[e.g. Total raw material usage]</i>	<i>[e.g. tonnes per production unit]</i>
Flour produced	tonnes
Wheatfeed produced	tonnes
Waste sent for recovery (specify route)	tonnes
Waste sent for recycling (specify route)	tonnes
Total product waste sent for disposal (specify route)	tonnes

### Operator's comments

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**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.