



# Notice of variation and consolidation with introductory note

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

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Heygates Limited

Bugbrooke Flour Mill  
Bugbrooke Mills  
Bugbrooke  
Northamptonshire  
NN7 3QH

**Variation application number**

EPR/BO2641IU/V003

**Permit number**

EPR/BO2641IU

# Bugbrooke Flour Mill

## Permit number EPR/BO2641IU

### 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.

The schedules specify the changes made to the permit.

The main features of the permit are as follows:

The main purpose of the activity at the installation is the milling of wheat to produce flour.

Bugbrooke Flour Mill is located approximately one mile from the village of Bugbrooke, Northamptonshire and comprises four flour mills each connected to large capacity wheat and flour silos. The installation processes wheat to manufacture flours of varying qualities and by-products such as bran, wheat feed, cereals, seeds and chaff from the wheat cleaning process. The process operates 24hrs per day, 7 days per week.

Wheat is delivered in bulk vehicles and discharged through a canvas sock via the raw material intake system into concrete silos and steel bins and transferred to milling via blending, sifting and weighing equipment. Finished product is gravity loaded into flour vehicle tankers or stored in metal silos before being packed into bags for storage on pallets. Output from the wheat cleaning process is sold to the animal feed sector. Insecticides and pesticides are used for disinfection and fumigation activities, which are carried out by specialist contractors.

The process is essentially dry. Principal releases are air emissions from the milling activities that are abated by bag filters. There is no trade effluent produced. Surface water from building rooves that enters the site drainage system is collected via a series of down pipes. The drainage system leaves the site and is discharged into the Mill Leat artificial channel that leads ultimately to the River Nene. There are a further five discharges of surface water to soakaways.

There is potential for fugitive emissions to air during raw material and finished product handling and transfer activities. Potential for fugitive releases to water may arise from fugitive grain emissions and leaks from vehicle fuel sources that can reach the surface water drainage system. There are no interceptors within the permitted installation.

Electrical power is obtained from the national grid and the site is authorised for a maximum demand load of 2.5 MW. No other power sources are used. Compressed air for cleaning wheat to remove stones, metal, chaff, etc., is supplied to the installation from an adjacent animal feed mill which is not part of the Installation.

Mains water is metered from the towns' water supply and is used for conditioning the wheat before milling but no effluent arises from this process. There are no heating systems apart from small electrically powered space heaters, which do not form part of the Installation.

Bugbrooke Meadows SSSI is located within 2km of the site. The nearest residential property is located within 200m of the installation. The site lies within the flood plain of the Upper Nene Valley that is subject to regular flooding.

The site operates an EMS however this is not certified. Heygates Ltd. is also party to an Umbrella Climate Change Levy Agreement (CCLA) for the Food and Drink Sector and participates in an Emissions Trading Scheme (ETS).

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/BO2641IU/A001	Received 25/04/2005	Application for a new bespoke permit
Permit determined EPR/BO2641IU	29/11/2005	Permit issued
Variation Application EPR/BO2641IU/V002	Received 23/05/2008	Application for a permit variation
Variation EPR/BO2641IU/V002	Determined 01/12/2008	
Application EPR/BO2641IU/V003 (variation and consolidation)	Regulation 61 Notice response received 01/06/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Response to request for further information dated 26/01/2023	26/01/2023	Additional information- Reg 61 Response Tool.
Response to request for further information dated 24/02/2023	24/02/2023	Additional information- Bugbrooke Flour Mill energy efficiency plan
Variation determined and consolidation issued EPR/BO2641IU (Billing ref. FP3247QP)	08/06/2023	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/BO2641IU

### Issued to

**Heygates Limited** (“the operator”)

whose registered office is

**Bugbrooke Mills**  
**Bugbrooke**  
**Northamptonshire**  
**NN7 3QH**

company registration number 00603238

to operate a regulated facility at

**Bugbrooke Flour Mill**  
**Bugbrooke Mills**  
**Bugbrooke**  
**Northamptonshire**  
**NN7 3QH**

to the extent set out in the schedules.

The notice shall take effect from 08/06/2023

Name	Date
Vicky Patchett	08/06/2023

Authorised on behalf of the Environment Agency

## **Schedule 1**

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

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/BO2641IU**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BO2641IU/V003 authorising,

**Heygates Limited** (“the operator”),

whose registered office is

**Bugbrooke Mills  
Bugbrooke  
Northamptonshire  
NN7 3QH**

company registration number 00603238

to operate an installation at

**Bugbrooke Flour Mill  
Bugbrooke Mills  
Bugbrooke  
Northamptonshire  
NN7 3QH**

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

Name	Date
Vicky Patchett	08/06/2023

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

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

### 1.3 Efficient use of raw materials

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

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 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.

2.3.4 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.

## **3.2 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	S6.8 A1 (d) (ii) <i>'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'</i>	The treatment and processing of wheat grain and associated raw materials for production of milled flours, wheat feed and related products.	From receipt of raw materials through to dispatch of final product. Production capacity is limited to 1250 tonnes per day.
<b>Directly Associated Activity</b>			
AR2	Directly associated activity	Storage and handling of raw materials; storage of other materials received in various containers, and wastes.	From receipt of raw materials, ingredients, and cleaning materials to transfer to processing areas; handling and storage of wastes.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	The response to questions 2.1 and 2.2 given in section B2.1-B2.2 of the application template from IPPC1 on pages 2-39	31/03/2005
Request for further information dates 15/09/2005	The response to the Request for Further Information issued.	19/09/2005
Regulation 61 (1) Notice – Responses to questions dated 26/01/2023	All parts	Received 01/06/2022
Request for further information 26/01/2023	RFI response - R61 response tool	Received 26/01/2023
Request for further information 24/02/2023	RFI response - Bugbrooke Flour Mill energy efficiency plan	Received 24/02/2023

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC8	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:	04/12/2023

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<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>	
IC9	<p>The operator shall submit, for approval by Environment Agency, a report demonstrating the 'Narrative' BAT requirements will be achieved before 4 December 2023. The report shall include, but not be limited to, the following:</p> <ol style="list-style-type: none"> <li>1) Methodology for achieving BAT</li> <li>2) Associated targets/timelines for reaching compliance by 4 December 2023.</li> </ol> <p>The report shall address the BAT Conclusions for Food, Drink and Milk Industries with respect to BATc1 (xvi).</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	04/12/2023
IC10	<p>The operator shall review and update the H1 risk assessment for particulate emissions to air at the capacity levels stated within table S1.1 of this permit. The H1 shall be submitted to the Environment Agency for review.</p>	04/11/2023

## Schedule 2 – Waste types, raw materials and fuels

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

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on-site plan in Schedule 7]	Bag filter abatement serving Grain Intake.	Particulate matter	No limit set	-	-	-
A2 [Point A2 on site plan in schedule 7]	Bag filter abatement serving D silo.	Particulate matter	No limit set	-	-	-
A3 [Point A3 on site plan in schedule 7]	Bag filter abatement serving B silo.	Particulate matter	No limit set	-	-	-
A4 - A5 [Point A4 - A5 on site plan in schedule 7]	Bag filter abatement serving Top of B mill.	Particulate matter	5 mg/m <sup>3</sup> [NOTE 1]	Average over sampling period [NOTE 2]	In line with the rolling monitoring procedure [NOTE 3]	BS EN 13284-1
A6 - A8 [Point A6 -A8 on site plan in schedule 7]	Bag filter abatement serving the Screen Room.	Particulate matter	No limit set	-	-	-
A9 [Point A9 on site plan in schedule 7]	Bag filter abatement serving C mill.	Particulate matter	5 mg/m <sup>3</sup> [NOTE 1]	Average over sampling period [NOTE 2]	In line with the rolling monitoring procedure [NOTE 3]	BS EN 13284-1
A10 [Point A10 on site plan in schedule 7]	Bag filter abatement serving A mill.	Particulate matter	5 mg/m <sup>3</sup> [NOTE 1]	Average over sampling period [NOTE 2]	In line with the rolling monitoring procedure [NOTE 3]	BS EN 13284-1
A11 - A12 [Point A11 - A12 on site plan in schedule 7]	Bag filter abatement serving D mill.	Particulate matter	5 mg/m <sup>3</sup> [NOTE 1]	Average over sampling period [NOTE 2]	In line with the rolling monitoring procedure [NOTE 3]	BS EN 13284-1
A13 - A16 [Point A13 - 16 on site plan in schedule 7]	Bag filter abatement serving the Flour Silo.	Particulate matter	No limit set	-	-	-
A17 - A20 [Point A17 - A20 on site plan in schedule 7]	Bag filter abatement serving E mill.	Particulate matter	5 mg/m <sup>3</sup> [NOTE 1]	Average over sampling period [NOTE 2]	In line with the rolling monitoring procedure [NOTE 3]	BS EN 13284-1
NOTE 1 – The emission limit applies from 4 December 2023.						
NOTE 2 – Average value of three consecutive measurements of at least 30 minutes each.						
NOTE 3 – The monitoring frequency shall be in line with the rolling monitoring procedure, as agreed in IC8						



<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 – emission points in Schedule 7 emission to Mill Leat, leading to River Nene	Uncontaminated surface water via interceptor	No parameters set	No limit set	--	--	--
WL1 on site plan – emission points in Schedule 7	Uncontaminated surface water run-off from site drainage system Soakaway WL1	No parameters set	No limit set	--	--	--
WL2 on site plan – emission points in Schedule 7	Uncontaminated surface water run-off from site drainage system Soakaway WL2	No parameters set	No limit set	--	--	--
WL3 on site plan – emission points in Schedule 7	Uncontaminated surface water run-off from site drainage system Soakaway WL3	No parameters set	No limit set	--	--	--
WL4 on site plan – emission points in Schedule 7	Uncontaminated surface water run-off from site drainage system Soakaway WL4	No parameters set	No limit set	--	--	--
WL5 on site plan – emission points in Schedule 7	Uncontaminated surface water run-off from site drainage system Soakaway WL5	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	A4, A5, A9, A10, A11, A12, A17, A18, 19, A20	Every 12 months (in accordance with the rolling monitoring procedure, as agreed in IC8)	1 January

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
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 – 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	
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.

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

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

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

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

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

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

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

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

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

“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.

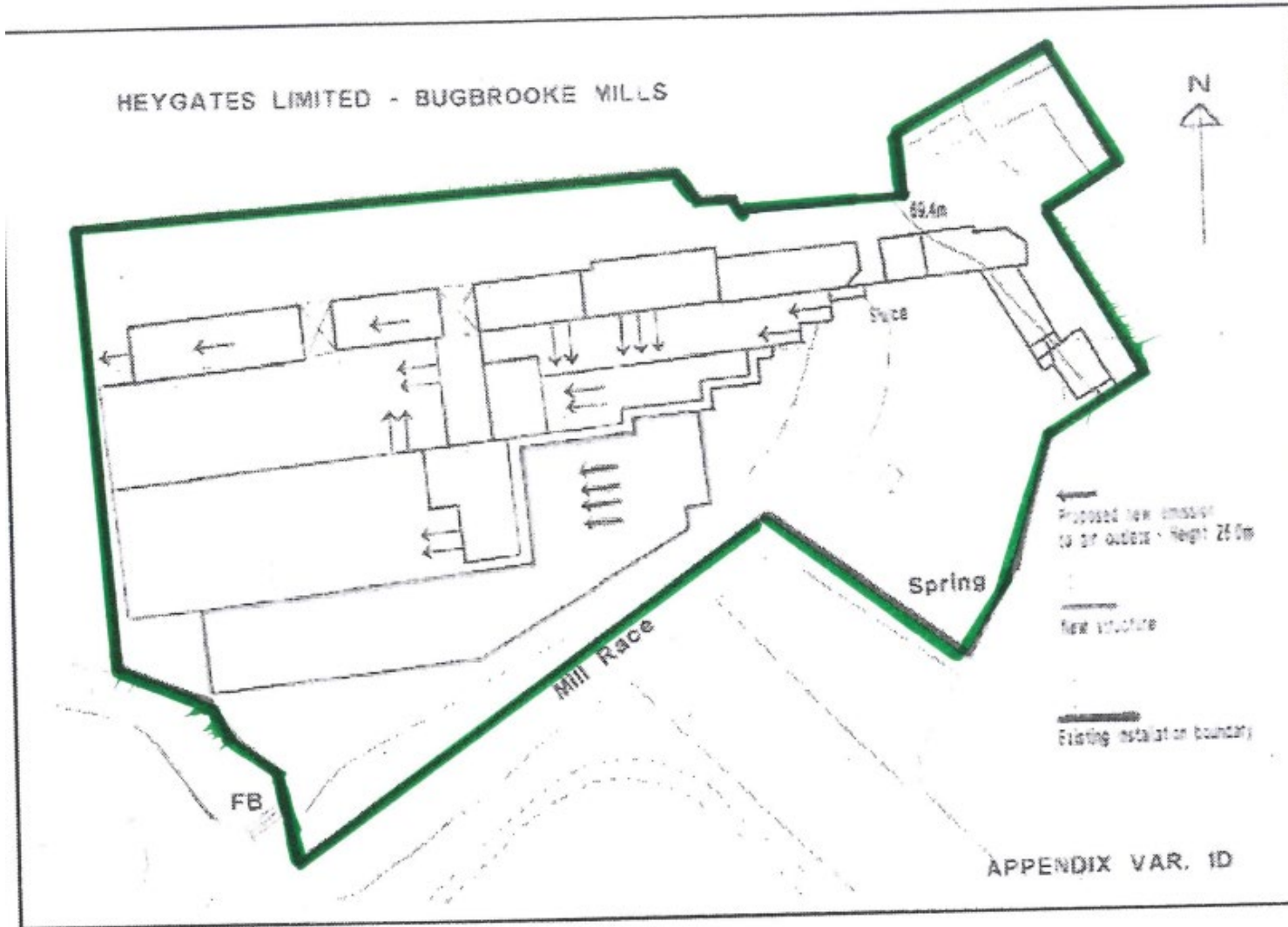
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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

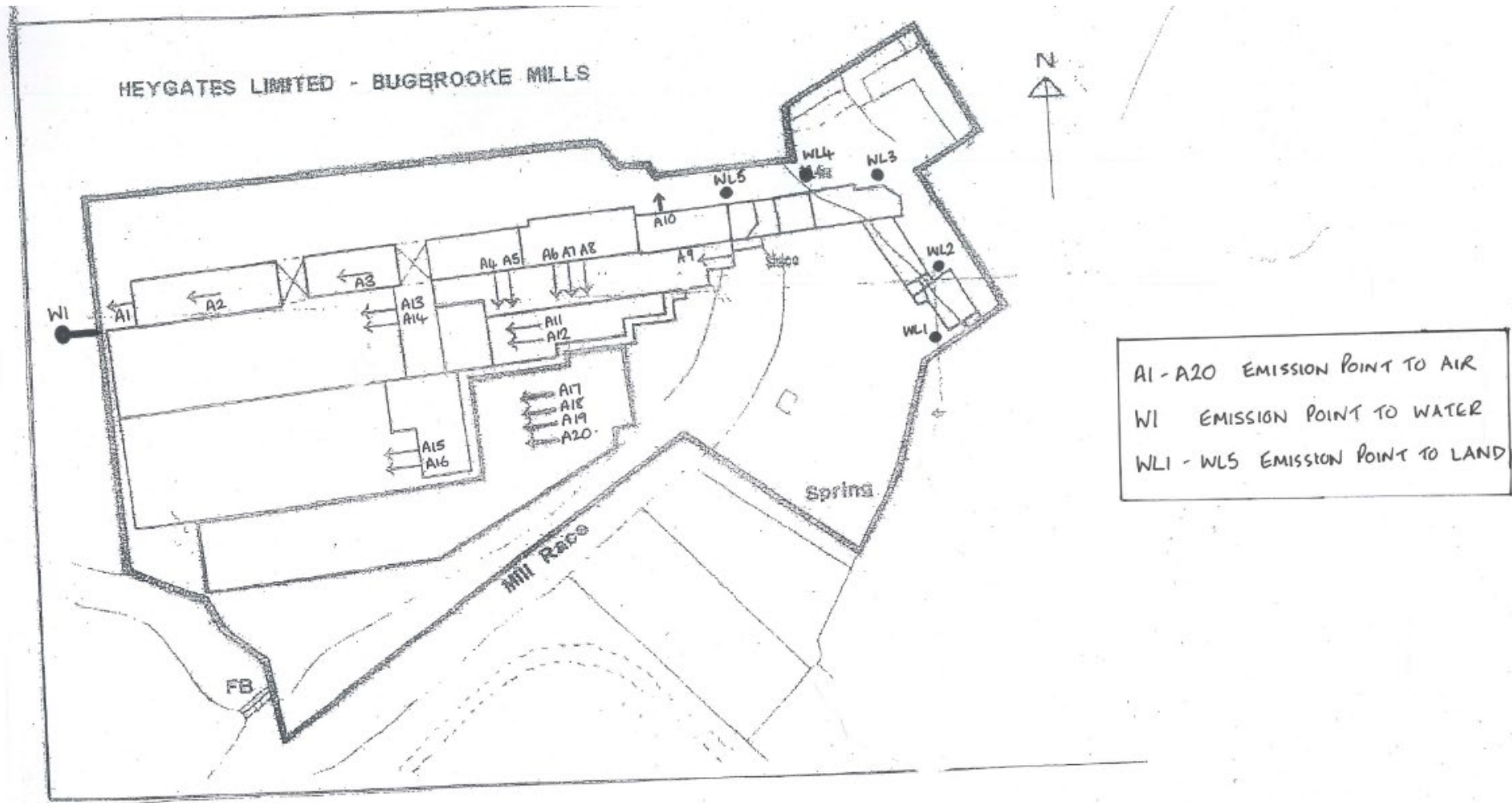
“year” means calendar year ending 31 December.

# Schedule 7 – Site plans

Installation Boundary



Emission points



END OF PERMIT