

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

E.B.Bradshaw & Sons Limited

Driffield Flour Mill
Bell Mills
Skerne Road
Driffield
East Yorkshire
YO25 6XL

Variation application number

EPR/YP3330BE/V004

Permit number

EPR/YP3330BE

Driffield Flour Mill

Permit number **EPR/YP3330BE**

Introductory note

This introductory note does not form a part of the notice

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

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

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

The schedules specify the changes made to the permit.

The installation is located at Bells Mills, approximately 1 mile south of the market town of Driffield. The surrounding areas of the site consist of arable land to the east, south and west with an industrial estate to the north. The facility is centred at National Grid Reference TA 03050 56670. Directly adjacent to the site boundary are the River Hull Headwaters. To the southern end of the installation, part of the water system, known as Mill Race, runs directly underneath and to the south of the buildings. There are 2 single dwellings and a garden centre, owned by the holding company, within 100 metres of the site boundary to the southeast. As well as also several dwellings situated within 500 metres of the site.

The facility converts wheat into flour and co-products. The main processes on site include raw material handling and storage, processing, and despatching.

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.

Production capacity is 600 tonnes per day. Manufacturing is carried out up to 24 hours a day 7 days a week.

Wheat is received on site and is then deposited into the reception silos it is then transferred via screw feed conveyors to the relevant Mill where it goes through a 'dry' cleaning process using a series of screens. These use vibrating separation to remove large/ heavy impurities such as gunshot. This process is followed by vertical aspiration which uses variable speed air flows to remove the lighter impurities such as litter and straw. In addition to these processes, the wheat is transferred through a destoner to remove any residual contaminants with high specific weight. The material is then passed through an optical separator machine which divides the wheat grain from all other non-wheat constituents such as barley, oats, and rapeseed.

Following screening, the wheat goes through a scouring process which removes the outer bran layers. It is then sent for conditioning which is achieved through exposure to water over a 24-hour period.

Post conditioning, the wheat is milled to break the material into constituent parts and separate the endosperm which can be used to produce flour. The milling process uses several machines including a purifier, plansifter, bran finisher, a centrifuge and a series of rollers which reduce the grain size in order to facilitate flour production.

Once the milling process has been completed, the flour is transferred through a horizontal redressing turbosifter to remove any remaining impurities before it is sent for packing. The product is bagged into

individual 16kg, 20kg and 25kg bags or stored in bulk for larger customers. The finished product is transported offsite in either tankers or sealed trailers.

The milling process produces approximately 78% white flour of product grades and specifications with the remaining 22% 'bi-product' material consisting of wheat feed, wheat germ and bran. The majority of the wheat feed and germ is sold for use in animal feed production. The bran is sold for use in cereal products.

The main releases to air consist of particulate matter arising from the production processes, there are 67 point-source emissions to air from the installation. These discharge points have been fitted with bag filters. There are no process emissions to sewer, surface waters or ground from the operations. Emissions to surface water and ground are uncontaminated surface water only.

The operator is party to a Climate Change Agreement (CCA).

There are no European sites located within 10km of the site. The River Hull Headwaters SSSI and three Local Wildlife Sites 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.

Status log of the permit		
Description	Date	Comments
Application received	Received 11/03/2005	
Permit determined	08/11/2005	Original grain milling permit issued to E.B. Bradshaw & Sons Limited
Application EPR/YP3330BE/V002 (variation QP3135UK)	Received 21/03/2007	
Additional information requested 30/05/2007	Received 12/06/2007	
Additional information requested 25/07/2007	Received 31/07/2007	
Variation determined EPR/YP3330BE	31/08/2007	Varied permit issued
Application EPR/YP3330BE/V003 (variation)	Duly made 25/11/2021	Application to vary permit to add a new mill (C-Mill) and associated 5 emission points and increase in annual throughput from 160,000 to 218,240 tonnes
Additional information received	15/02/2022	Volumetric flow rates of emission points to air
Additional information received	05/05/2022	Response to air quality modelling queries
Additional information received	01/06/2022	Response to emission points at the installation
Additional information received	29/06/2022	Process emission points
Additional information received	30/06/2022	Revised site plan
Variation determined EPR/YP3330BE	12/07/2022	Notice of variation issued
Application EPR/YP3330BE/V004 (variation and consolidation)	Regulation 61 Notice response received 17/05/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.

Status log of the permit		
Description	Date	Comments
Additional information received	17/02/2023	Information relating to BAT1, BAT9, BAT28, air emissions, water emissions. Air emission test results were also provided.
	15/03/2023	Updated R61 Response Tool
	10/05/2023	Site drainage and water emissions point plan
Variation determined and consolidation issued EPR/YP3330BE	19/05/2023	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/YP3330BE

Issued to

E.B.Bradshaw & Sons Limited (“the operator”)

whose registered office is

Bell Mills

Driffield

Yorks

YO25 6XL

company registration number 00222864

to operate a regulated facility at

Driffield Flour Mill

Bell Mills

Skerne Road

Driffield

East Yorkshire

YO25 6XL

to the extent set out in the schedules.

The notice shall take effect from 19/05/2023

Name	Date
Katherine Fisher	19/05/2023

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/YP3330BE

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/YP3330BE/V004 authorising,

E.B.Bradshaw & Sons Limited (“the operator”),

whose registered office is

Bell Mills

Driffield

Yorks

YO25 6XL

company registration number 00222864

to operate an installation at

Driffield Flour Mill

Bell Mills

Skerne Road

Driffield

East Yorkshire

YO25 6XL

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

Name	Date
Katherine Fisher	19/05/2023

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

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

1.2 Energy efficiency

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

1.3 Efficient use of raw materials

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

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

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

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

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

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

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 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 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.
- 3.5.3 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

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	S6.8 A1 (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 600 tonnes per day.
Directly Associated Activity			
AR2	Waste storage and handling	Storage and handling of waste materials.	From generation of waste to storage pending removal for disposal or recovery.
AR3	Surface water drainage	Collection of uncontaminated site surface waters	Handling and storage of site drainage until discharge to River Hull and ground via a soak away.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1 and 2.2 given in Sections B2.1 and B2.2 of the Application.	11/03/2005
Variation Application	The response to question 2.1 given in Section B2.1 of the Variation Application.	20/03/2007
	“Process description” within the email titled Permit Variation Application YP3330BE, dated 31 July 2007.	31/07/2007
Variation Application EPR/YP3330BE/V003	Responses to Part C2 and C3 of the application forms and references to supporting documentation. <ul style="list-style-type: none"> Supporting Report (Reference: 3240-S1-r1) Dust Management Plan (Reference: 3240-S3-r1) Best Available Techniques Assessment (Reference: 3240-S4-r1) Environmental Management System – Initial Environmental Review Reference: 20-009-14	25/11/2021
Variation Application EPR/YP3330BE/V003	Process emission points – extraction volumes.	29/06/2022
Regulation 61 (1) Notice – Responses to questions dated 31/01/2022	All parts	Received 17/05/2022
Regulation 61 (1) Notice – Request for information dated 14/03/2023	Updated R61 Response Tool	15/03/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC8	<p>The Operator shall submit, for approval by the Environment Agency, updated sections of the Environment Management System (EMS), which are relevant to demonstrate compliance with BATc1 (iv), (v), (xi), (xiv), and (xv).</p> <p>The relevant sections of the EMS shall address the BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 1.</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	04/12/2023
IC9	<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"> 1. Methodology for how representative monitoring will be carried out annually, with a minimum of 3 point sources on a rolling-basis. 2. Ensuring the key process stages, wheat cleaning, wheat milling and finished product handling including wheatfeed, are prioritised. 3. Identify any principal emission points excluded from the rolling monitoring programme and provide a justification for this. 4. Provide a commencement date for the programme which will demonstrate compliance with the permit requirements. <p>The monitoring procedure shall address the requirements of BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 5.</p>	04/07/2023
IC10	<p>The operator shall produce a climate change adaptation plan. The approved plan will form part of the EMS.</p> <p>The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> • Details of how the installation has or could be affected by severe weather; • The scale of the impact of severe weather on the operations within the installation; • An action plan and timetable for any improvements to be made to minimise the impact of severe weather at the installation. <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	01/04/2024 unless otherwise agreed in writing with the Environment Agency
IC11	<p>Submit an updated drainage plan to the Environment Agency for technical assessment and approval / agreement. The plan must clearly depict the drainage facilities and pathways to discharge points on site</p> <p>The plan shall be submitted to the Environment Agency for review.</p>	19/05/2023 unless otherwise agreed in writing with the Environment Agency

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
--	--

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A3 – A9, A11, A12, A17, A27, A36, A42 & A47 on Air Emission Point Plan in Schedule 7	Storage transition dust extraction units with bag filters	No parameter set	No limit set	--	--	--
A10, A18 – A26, A49 – A56, A58, A59 & A65 on Air Emission Point Plan in Schedule 7	Silos, storage and silo ventilation dust extraction units with bag filters	No parameter set	No limit set	--	--	--
A13 – A16, A30, A33, A34, A39 – A41, A43 – A46, A48, A57, A60, A63 & A66 on Air Emission Point Plan in Schedule 7	General ventilation dust extraction units with bag filters	No parameter set	No limit set	--	--	--
A28 on Air Emission Point Plan in Schedule 7	Level 5 Mill finished product handling for bagging plant dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A29 on Air Emission Point Plan in Schedule 7	Level 5 Mill finished product handling for bulk dispatch dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A31 on Air Emission Point Plan in Schedule 7	Level 3 Mill wheat cleaning dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A32 on Air Emission Point	Level 2 Mill wheat cleaning dust extraction	Particulate matter	5 mg/m ³	Average over	In line with the rolling	BS EN 13284-1

Plan in Schedule 7	unit with bag filter			sampling period [NOTE 1]	monitoring procedure [NOTE 2]	
A35 on Air Emission Point Plan in Schedule 7	Level 5 Mill wheat milling dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A37 on Air Emission Point Plan in Schedule 7	Level 5 Mill wheat milling dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A38 on Air Emission Point Plan in Schedule 7	Level 5 Mill wheat milling dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A61 on Air Emission Point Plan in Schedule 7	Ingredient addition gluten (Mill C) dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A62 on Air Emission Point Plan in Schedule 7	C-Mill wheat milling dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A64 on Air Emission Point Plan in Schedule 7	Ingredient addition creta (Mill C) dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
A67 on Air Emission Point Plan in Schedule 7	JB Bottom wheat cleaning dust extraction unit with bag filter	Particulate matter	5 mg/m ³	Average over sampling period [NOTE 1]	In line with the rolling monitoring procedure [NOTE 2]	BS EN 13284-1
NOTE 1 – Average value of three consecutive measurements of at least 30 minutes each.						
NOTE 2 – The monitoring frequency shall be in line with the rolling monitoring procedure, as agreed in IC9.						

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on Site Plan in schedule 7 emission via interceptor to River Hull via Tail Goit	Uncontaminated surface water run off site drainage	No parameters set	No limit set	-	-	-
W2 on Site Plan in schedule 7 emission to River Hull via Tail Goit	Uncontaminated surface water run off site drainage	No parameters set	No limit set	-	-	-
W3 on Site Plan in schedule 7 emission to River Hull via Tail Goit	Uncontaminated surface water run off site drainage	No parameters set	No limit set	-	-	-
W4 on Site Plan in schedule 7 emission to River Hull via Tail Goit	Uncontaminated surface water run off site drainage	No parameters set	No limit set	-	-	-
WL1 on Site Plan in schedule 7 discharge to field via soakaway	Uncontaminated surface water run off site drainage	No parameters set	No limit set	-	-	-
WL2 on Site Plan in schedule 7 discharge to field via soakaway	Uncontaminated surface water run off site drainage	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.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air Parameters as required by condition 3.5.1	A28, A29, A31, A32, A35, A37, A38, A61, A62, A64, A67	Every 12 months (in accordance with the rolling monitoring procedure, as agreed in IC9)	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
Products produced	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Waste – recovery/disposal routes	Annually	tonnes

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“emissions to land” includes emissions to groundwater.

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

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

“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.

“Pests” means Birds, Vermin and Insects.

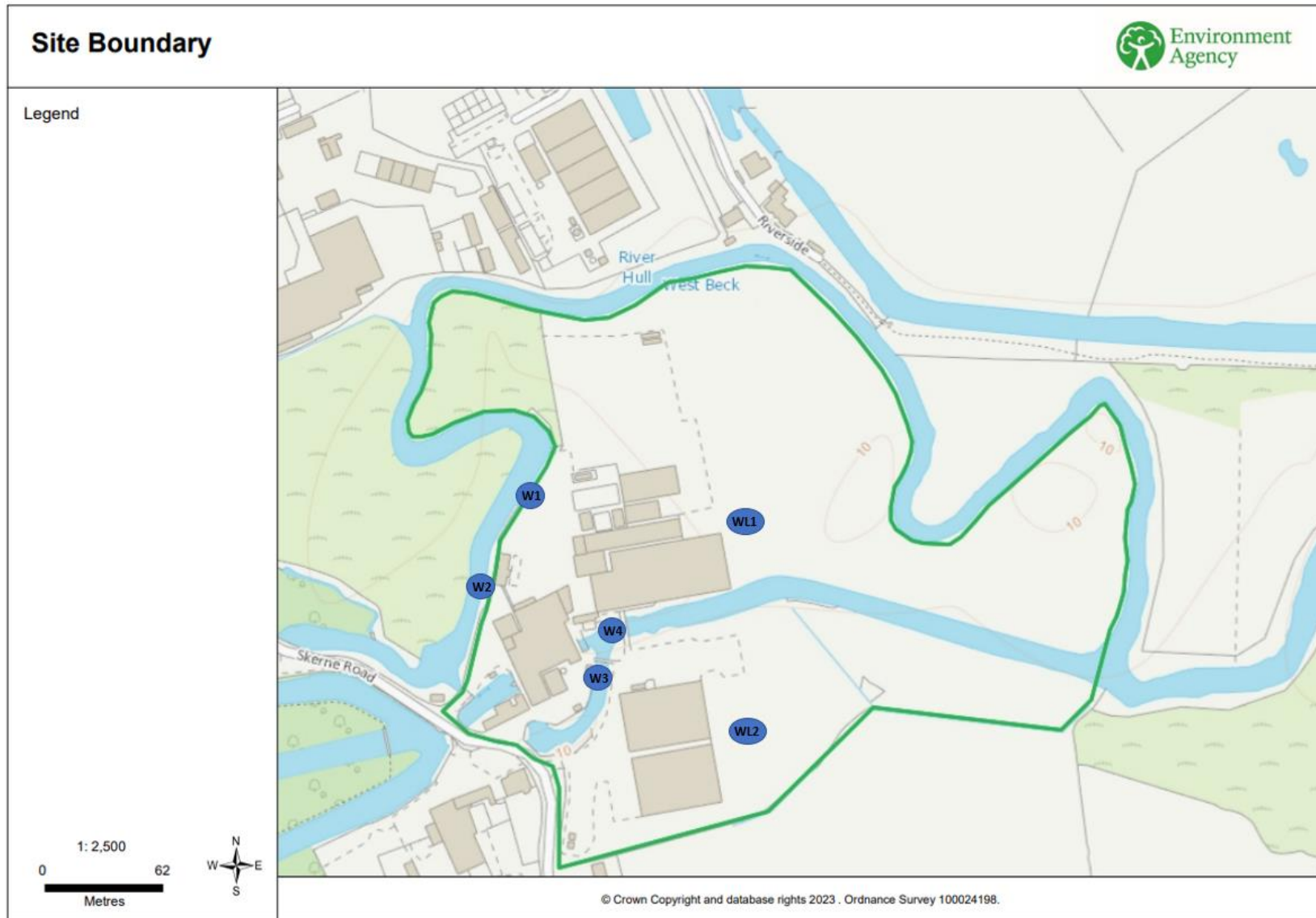
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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 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



Air Emission Point Plan



©Crown Copyright. All rights reserved. Environment Agency, 100024198, 2023.

END OF PERMIT