

# Permit with introductory note

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

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Whitworth Bros. Limited

Whitworth Bros. Limited Flour Mill

Northside Industrial Estate

Whitley Bridge

Eggborough

DN14 0GH

### **Permit number**

EPR/WP3004PS

# Whitworth Bros. Limited Flour Mill

## Permit number EPR/WP3004PS

### Introductory note

#### This introductory note does not form a part of the permit

The main features of the permit are as follows.

Whitworth Bros is a flour manufacturing facility located on the bank of the Knottingley & Goole Canal in Eggborough, North Yorkshire (centred on NGR SE 55986 22694). Previously the raw flour was milled at another site and then transported to the Eggborough site for heat treatment and packing. A new flour mill and associated buildings have been erected to allow flour to be milled and treated at the same site. The mill has a capacity of 900 tonnes per day which falls within the Industrial Emissions Directive thresholds for the food and drink sector based on the maximum production capacity of the installation:

*Section 6.8 Part A(1)(d)(ii) - Treatment and processing of vegetable raw materials with a finished product production capacity greater than 300 tonnes per day or 600 tonnes per day where the installation operates for a period of no more than 90 consecutive days in any year.*

The milling process is split into 4 stages. Wheat is first discharged from covered vehicles and transferred to storage bins prior to wheat cleaning and conditioning. During the second stage the wheat is dry cleaned using separation by size and shape. Water is then added to ensure the wheat is brought to the correct moisture for milling. During the third stage the wheat is milled by a series of grinding and sieving operations to reduce the grain to a suitable particle size. The fourth stage of the process is where the flour is pneumatically transported to bulk storage for tanker loading or to other process areas for packing.

The main emissions to air arise from 64 point source emission points at various stages of the process, each is abated with a bag filter. The emissions are not continuous, but are intermittent emissions of particulate matter. Each emission point is fitted with bag filter which are maintained to ensure efficiency. Each bag filter is fitted with a dust detector for the detection of filter malfunction. The site has two steam raising boilers which were part of the existing heat treatment site both are fired on natural gas, with a combined thermal input of 3.38MWth (2.38MWth & 1MWth).

The site is surfaced with concrete hardstanding. Surface water is collected in one of two geocellular attenuation tanks with a combined capacity of 525.5m<sup>3</sup> (256.5m<sup>3</sup> & 269m<sup>3</sup>) which in turn pass through full retention separators before discharging to the neighbouring Knottingley & Goole Canal. Boiler blowdown is also discharged to the canal. Improvement Condition 2 (IC2) has been included in the permit for the assessment of the boiler blowdown, to ensure that the discharge is suitable for discharge to surface water. Effluent arising from the onsite canteen and toilet facilities are treated on site via a small package treatment works with the discharge to the canal. The discharge meets the General Binding Rules, a consent for this has been obtained from the Internal Drainage Board (The Shire Group).

There are no European habitats sites within 10km of the site and there are no Sites of Special Scientific Interest (SSSI) within 2km of the site.

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

Status log of the permit		
Description	Date	Comments
Application EPR/WP3004PS/A001	Duly made 18/09/2020	Application for a bespoke permit.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional information received in response to Schedule 5 Notice dated 09/11/2020	15/01/2021	Schedule 5 response including; <ul style="list-style-type: none"> <li>• Revised noise impact assessment</li> </ul>
Additional information received in response to Schedule 5 Notice dated 08/02/2021	19/02/2021	Schedule 5 response including; <ul style="list-style-type: none"> <li>• Revised Noise Management Plan</li> <li>• Revised Dust Emission Management Plan</li> <li>• Revised Risk Assessment</li> <li>• Environmental Incident Management Plan</li> <li>• Emergency Response</li> <li>• DSEAR Report</li> </ul>
Additional information received in response to Schedule 5 Notice 22/03/2021	07/04/2021	<ul style="list-style-type: none"> <li>• Proposed site plan – surface finishes</li> <li>• Proposed site plan – drainage sheet 1 &amp; 2</li> <li>• Additional BAT information (BATc 6, 7 &amp; 8)</li> </ul>
	28/04/2021	<ul style="list-style-type: none"> <li>• Additional BAT information (BATc 1, 5, 10, &amp; 12)</li> </ul>
	14/05/2021	<ul style="list-style-type: none"> <li>• Additional BAT information (BATc 2, 3, 4 &amp; 11)</li> </ul>
	20/05/2021	<ul style="list-style-type: none"> <li>• Management Plan – drainage, bunding &amp; onsite containment</li> </ul>
Permit determined EPR/WP3004PS (Billing ref. WP3004PS)	24/06/2021	Permit issued to Whitworth Bros. Limited.

End of introductory note

# Permit

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

### Permit number

**EPR/WP3004PS**

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

**Whitworth Bros. Limited** (“the operator”),

whose registered office is

**Victoria Mills  
Wellingborough  
Northampton  
NN8 2DT**

company registration number 00465899

to operate an installation at

**Whitworth Bros. Limited Flour Mill  
Northside Industrial Estate  
Whitley Bridge  
Eggborough  
DN14 0GH**

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

<b>Name</b>	<b>Date</b>
<b>Louise Hann</b>	<b>24/06/2021</b>

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

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

### 1.2 Energy efficiency

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

### 1.3 Efficient use of raw materials

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

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

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

## **1.5 Climate change**

- 1.5.1 The operator shall review and if appropriate update, at least every 4 years, the climate change adaptation risk assessment submitted with the permit application, and shall update the written management system as appropriate.

## **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 red 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.

## **3.5 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 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.

4.3.4 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.

4.3.5 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.3.6 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 listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S6.8 Part A1(d)(ii) Treatment and processing, other than exclusively packaging, of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed from only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day.	Production of flour products including conditioning, cleaning, breaking, sifting, scalping, purifying, grinding, dressing and bran finishing.	From receipt and storage of raw materials to storage and dispatch of finished products.
<b>Directly Associated Activity</b>		
Cleaning and sanitation	Dry cleaning of equipment as specified.	Dry cleaning of equipment
Steam and electrical power supply	Existing Medium Combustion Plant: 2 steam raising boilers (1 x 2.38 MWth & 1 x 1 MWth) fired on natural gas	From receipt of fuel to emission of combustion gases.
Storage and handling of chemicals	Handling and storage of chemicals for use in boiler.	From receipt of chemicals to use within the installation. Must be stored and handled on an impermeable surface with suitable containment and bunding.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Application Forms Part B2 and B3 The following sections of the application supporting information: <ul style="list-style-type: none"> <li>• Application Forms (Parts A, B2, B3 and F1)</li> <li>• Site Plan</li> <li>• Non-Technical Summary</li> </ul>	Duly Made 18/09/2020
Response to Schedule 5 request dated 09/11/2020	<ul style="list-style-type: none"> <li>• Revised noise impact assessment</li> </ul>	15/01/2021
Response to Schedule 5 request dated 08/02/2021	<ul style="list-style-type: none"> <li>• Revised Noise Management Plan</li> <li>• Revised Dust Emission Management Plan</li> <li>• Revised Risk Assessment</li> <li>• Environmental Incident Management Plan</li> <li>• Emergency Response</li> <li>• DSEA Report</li> </ul>	19/02/2021
	<ul style="list-style-type: none"> <li>• Proposed site plan – surface finishes</li> </ul>	07/04/2021

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Response to Schedule 5 request dated 22/03/2021	<ul style="list-style-type: none"> <li>Proposed site plan – drainage sheet 1 &amp; 2</li> <li>Additional BAT information (BATc 6, 7 &amp; 8)</li> </ul>	
	<ul style="list-style-type: none"> <li>Additional BAT information (BATc 1, 5, 10, &amp; 12)</li> </ul>	28/04/2021
	<ul style="list-style-type: none"> <li>Additional BAT information (BATc 2, 3, 4 &amp; 11)</li> </ul>	14/05/2021
	<ul style="list-style-type: none"> <li>Management Plan – drainage, bunding &amp; onsite containment</li> </ul>	20/05/2021

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	<p>The Operator shall review the characteristics of boiler blowdown from the installation and methods for their disposal. Following the assessment the operator shall submit the report to the Environment Agency for approval. The report shall include (but not be limited to) the following:</p> <ul style="list-style-type: none"> <li>An assessment of the impact for the proposed route using the Environment Agency's H1 methodology taking into consideration the characteristics of the boiler blowdown, (temperature, pH, suspended solids, metals and any other potentially polluting substances).</li> <li>Detail the specific arrangements for disposal of the blowdown associated with annual inspection and servicing.</li> <li>List the options for disposal, justifying the proposed route is best available techniques (disposals not being treated in an onsite or offsite waste water treatment plant should be fully justified).</li> <li>A proposed timetable for completion of any improvement works required.</li> </ul> <p>If it can't be demonstrated that the boiler blowdown from the installation are uncontaminated then alternative methods for disposal will need to be proposed.</p> <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	24/12/2021 or other date as 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
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## Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1-A64 <sup>Note1</sup>	Bag filters	Particulate matter	5 mg/m <sup>3</sup>	--	Annually	BS EN 13284-1
A65 [Point A65 on site plan in schedule 7]	Boiler 1 - Steam raising boiler fired on Natural Gas (2.38 MWth)	Oxides of Nitrogen (expressed as NO <sub>2</sub> )	250 mg/m <sup>3</sup>	--	Every 3 years	TGN M5
		Carbon monoxide	No limit set		Every 3 years	TGN M5
A66 [Point A66 on site plan in schedule 7]	Boiler 2 – Steam raising boiler fired on Natural Gas (1 MWth)	Oxides of Nitrogen (expressed as NO <sub>2</sub> )	250 mg/m <sup>3</sup>	--	Every 3 years	TGN M5
		Carbon monoxide	No Limit set		Every 3 years	TGN M5

Note 1: Point source emissions to air are shown on drawing 'Site Layout/Emission Points' within Emission Management Plan v1 Dated January 2021.

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 [Point W1 on site plan in schedule 7] emission Knottingley & Goole Canal	Uncontaminated Site surface water via interceptor & boiler blowdown	No parameters set <sup>Note 1</sup>	--	--	--	--

Note 1: Subject to outcome of the characterisation of boiler blowdown water as listed in IC1.

## 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>
Emissions to air Parameters as required by condition 3.5.1.	A1-A64	Every year	1 January
Emissions to air Parameters as required by condition 3.5.1.	A65, A66	Every 3 years	1 January

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Flour Products	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Air	Form air 1 or other form as agreed in writing by the Environment Agency	24/06/2021
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	24/06/2021
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	24/06/2021
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	24/06/2021

# 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 or background concentration 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.

“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.

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

“Pests” means Birds, Vermin and Insects.

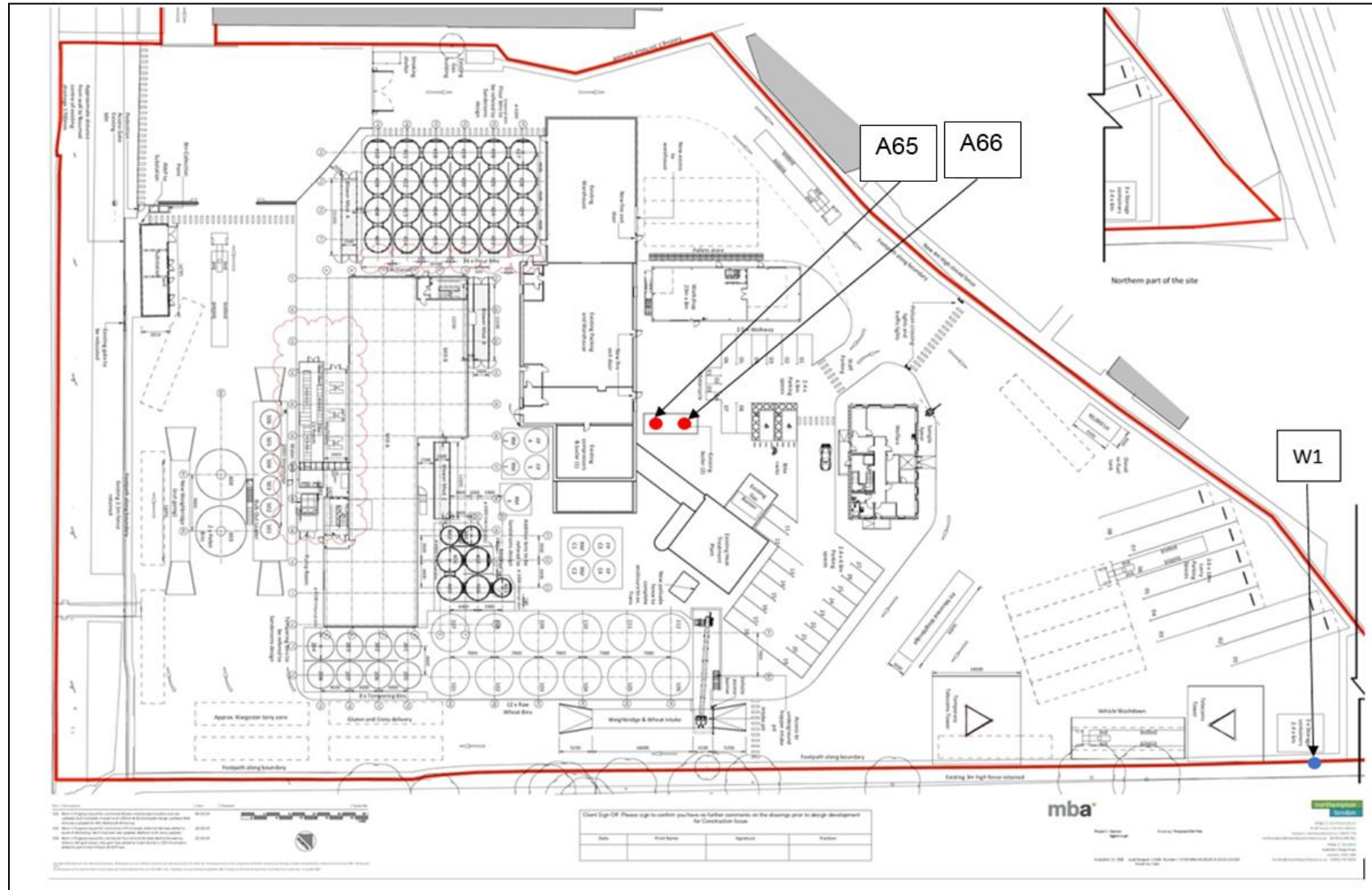
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

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

“year” means calendar year ending 31 December.

# Schedule 7 – Site plan



END OF PERMIT