

# Permit with introductory note

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

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Noble Foods Co

Clearwell Mill

The Rocks

Clearwell

Coleford

Gloucestershire

GL16 8JR

### **Permit number**

EPR/FP3437RM

# Clearwell Mill

## Permit number EPR/FP3437RM

### Introductory note

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

The main features of the permit are as follows.

This application is for an animal feed mill, producing feed products for poultry and livestock. The facility has been in place since approximately 1989 and was previously operated under a Part B Environmental Permit regulated by the Local Authority. Since the amendments to the Environmental Permitting Regulations in 2013 to incorporate the requirements of the Industrial Emissions Directive, this site is now considered to be a Part A1 Installation activity. The current activity reference is:

*6.8 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 (where the weight of the finished product excludes packaging): only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day*

The Installation is adjacent to a poultry farm which is regulated under a separate environmental permit, reference number EPR/WP3034VF. The permitted areas however do not overlap.

The site processes raw materials into meal, crumb and pellet feed using two process lines. Different products are produced on a batch basis. Solid raw materials are typically ground in an electric grinder, before being weighed then mixed in a horizontal batch mixer. At the mixing stage liquid raw materials are added. Some mixed product is extracted at this stage as meal. Alternatively the product is conditioned with steam generated from the onsite boiler and then pressed into pellets. The pellets are then cooled by a counter air cooler. Cooled pellets may be fed past a fine spray of warm vegetable oil to give them a fat coating before being tumbled in a mixing screw. Some products may be crumbed before being coated in fats.

Emissions of particulates are controlled through the process by using dust filters and a cyclone. Any particulates captured will be returned to the process. The site has eight emission points to air, including one from the grinder exhaust, one from the cooler exhaust and one from the site boiler. The other five emission points to air are associated with bulk liquid storage tanks for raw materials and fuels. The boiler has a thermal input of 1.5MWth and is fuelled by liquefied petroleum gas (LPG) or gas oil (red diesel) if the LPG supply is interrupted. LPG for the boiler fuel is also stored in the yard.

The yard and building area have impermeable hardstanding surfaces. Other areas of the site comprise of landscaped areas.

Roof water and run off from yard areas are discharged to the surface water drainage system which discharges to a soakaway via an interceptor in the northern end of the site. Foul water from site amenities drain to septic tanks. The Operator is proposing to install an isolation valve to isolate the drainage system.

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/FP3437RM/A001	Duly made 22/02/16	Application for an existing Animal Feed Mill, as the result of the Industrial Emissions Directive.
Additional information received	20/09/17	Response to a schedule 5 notice.
Permit determined EPR/FP3437RM (PAS Billing ref. FP3437RM)	12/01/18	Permit issued to Noble Foods Co.

<b>Other permits relating to this installation</b>		
<b>Operator</b>	<b>Permit number</b>	<b>Date of issue</b>
Mr Jonathan Hay	EPR/WP3034VF	06/11/2014

End of introductory note

# Permit

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

### Permit number

**EPR/FP3437RM**

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

**Noble Foods Co** (“the operator”),

whose registered office is

**PO BOX 34,  
St Martin's House  
Le Bordage  
St Peter Port  
Guernsey  
GY1 4AU**

company registration number FC032621

to operate an installation at

**Clearwell Mill  
The Rocks  
Clearwell  
Coleford  
Gloucestershire  
GL16 8JR**

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

<b>Name</b>	<b>Date</b>
<b>M Bischer</b>	<b>12/01/2018</b>

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

1.2.1 The operator shall:

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

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

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

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

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

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

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

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

### **2.4 Improvement programme**

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

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

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

### **3.2 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
6.8 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 (where the weight of the finished product excludes packaging): only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day.	The production of animal feed, using two process lines. Including receipt and storage of raw materials, weighing, grinding, mixing, conditioning, pressing, cooling, coating, bulk storage and dispatch.	From receipt of raw materials to dispatch of finished product off site. All potentially polluting liquids and solids must be stored and handled on an impermeable surface.
<b>Directly Associated Activity</b>		
Steam supply	Liquefied Petroleum Gas fuelled boiler (1.5 MWth input)	Includes fuel receipt and storage, and feed water treatment plant. From receipt of fuel to emission of combustion gases.
Air Compression	Screw Compressors	Includes generation of compressed air and oil water separation of condensate.
Storage and handling of chemicals	Handling and storage of chemicals for use in product manufacture, cleaning, fuelling and equipment maintenance.	From receipt of chemicals to use within the installation
Waste storage and handling	Handling, storage, transfer and dispatch of waste from the listed activities and directly associated activities	From the generation of waste to the offsite recovery or disposal of waste
Vehicle washing	Washing of delivery and despatch vehicles.	Washing of vehicles. Detergents to be retained and not discharged to surface water.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/FP3437RM/A001	Parts B2 and B3 of the application form and referenced supporting information	Duly Made 22/02/16
Response to Schedule 5 Notice dated 23/06/17	Document titled 'Schedule 5 response Clearwell Mill Permit Application', revised Environmental Risk Assessment and plan titled 'Site Activities and Emission Points 003 Rev B (2017)'	20/09/17

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Response to Schedule 5 Notice dated 23/06/17	Email detailing cyclone emission monitoring.	02/11/17

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	<p>The Operator shall undertake an assessment of the containment measures on site. The assessment will take into account the requirements of guidance CIRIA 736 'Containment systems for the prevention of pollution: Secondary, tertiary and other measures for industrial and commercial premises'. A written report summarising the findings shall be submitted to the Environment Agency for approval.</p> <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p> <p>The Operator shall confirm in writing to the Environment Agency when these improvements are in place.</p>	14/05/18
IC2	<p>The Operator shall submit a written report to the Environment Agency identifying potential improvements to improve the infrastructure around bulk liquid unloading such that any spillage is contained and may be fully recovered. The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency. The Operator shall confirm in writing to the Environment Agency when these improvements are in place.</p>	14/05/18
IC3	<p>The Operator shall submit a written report to the Environment Agency identifying potential improvements to their drainage system to:</p> <ul style="list-style-type: none"> <li>• isolate the drainage system in the event of a spill or fire and;</li> <li>• prevent suspended solids being discharged off site.</li> </ul> <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p> <p>The Operator shall confirm in writing to the Environment Agency when these improvements are in place.</p>	12/04/18
IC4	<p>The Operator shall review of the disposal of boiler blowdown and compressor condensate from the installation and sample these to confirm the composition. 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 or an equivalent methodology taking into consideration the characteristics of the boiler blowdown and compressor condensate (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 (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>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	12/04/18
IC5	<p>The Operator shall submit a pre-monitoring report to the Environment Agency for approval, detailing how they will undertake monitoring of particulate emissions to air at emission points A1 and A2. The report shall include but not be limited to the following:</p> <ul style="list-style-type: none"> <li>• The sampling methods proposed in line with the Environment Agency's technical guidance M2 – Monitoring of Stack Emissions to Air;</li> </ul>	12/04/18

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<ul style="list-style-type: none"> <li>• Details of how the monitoring will be carried out to demonstrate the proportions of PM<sub>10</sub> and PM<sub>2.5</sub> particulates present;</li> <li>• How the monitoring will be conducted at a time representative of a worst case scenario when emissions are likely to be at their highest;</li> <li>• Proposed timescales for monitoring and completion of IC6.</li> </ul>	
IC6	<p>The Operator shall undertake air emission monitoring of total particulates from emission points A1 and A2. The monitoring will be in accordance with the methods proposed in the approved pre-monitoring report submitted to the Environment Agency under IC5.</p> <p>Following monitoring the Operator shall undertake an environmental impact assessment of releases to air of PM<sub>10</sub> and PM<sub>2.5</sub> from emission points A1 and A2. The impact assessment shall consider potential impacts on ecological and human receptors. The impact assessment should include proposed emission limit values for these emission points and shall be submitted to the Environment Agency for approval.</p> <p>Where the results of the assessment indicate improvements are necessary the Operator should submit a written Action Plan to the Environment Agency for approval justifying these conclusions and identifying timescales for these improvements to be agreed in writing with the Environment Agency.</p>	Date as agreed in writing by the Environment Agency following completion of IC5.
IC7	The Operator shall implement the improvements identified within any Action Plan submitted under IC6 approved by the Environment Agency and provide written confirmation to the Environment Agency that the improvements have been made.	Within 12 months of the Action Plan being submitted to the Environment Agency or any subsequent date as notified in writing by the Environment Agency.
IC8	<p>The Operator shall carry out an assessment of the options available for preventing detergents entering the site interceptors from the vehicle wash. Following the assessment the operator shall submit the report to the Environment Agency for approval.</p> <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	12/04/18

## 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

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A1 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Bag filter on grinder exhaust	Particulate matter	20 mg/m <sup>3</sup> note 1	Hourly average	Annually	BS EN 13284-1
A2 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Cyclone on combined cooler exhaust	Particulate matter	20 mg/m <sup>3</sup> note 1	Hourly average	Annually	BS EN 13284-1
A3 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Boiler	No parameters set	No limit set	--	--	-
A4 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Soya Oil Tank	No parameters set	No limit set	--	--	-
A5 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Vegetable Oil Tank	No parameters set	No limit set	--	--	-
A6 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	White Diesel Tank	No parameters set	No limit set	--	--	-
A7 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Red Diesel Tank	No parameters set	No limit set	--	--	-
A8 as shown on plan titled 'site activities and emission points 003 Rev B (2017)'	Ad Blue Tank	No parameters set	No limit set	--	--	-
Note 1- These limits apply until replaced by any proposed as part of the response to Improvement Condition IC6.						

<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>
Soakaway as shown on site plan in Schedule 7	Boiler blow down	None set	No limit set	-	-	-
Soakaway as shown on site plan in Schedule 7	Compressor condensate	None set	No limit set	-	-	-
Soakaway as shown on site plan in Schedule 7	Uncontaminated surface water drainage	None 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>
Emissions to air Parameters as required by condition 3.5.1.	A1 and A2	Every 12 months	1 January

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Animal feed production	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
Waste produced	Annually	tonnes
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	12/01/18
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	12/01/18
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	12/01/18
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	12/01/18

# 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 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.	

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.

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

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

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

“Pests” means Birds, Vermin and Insects.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

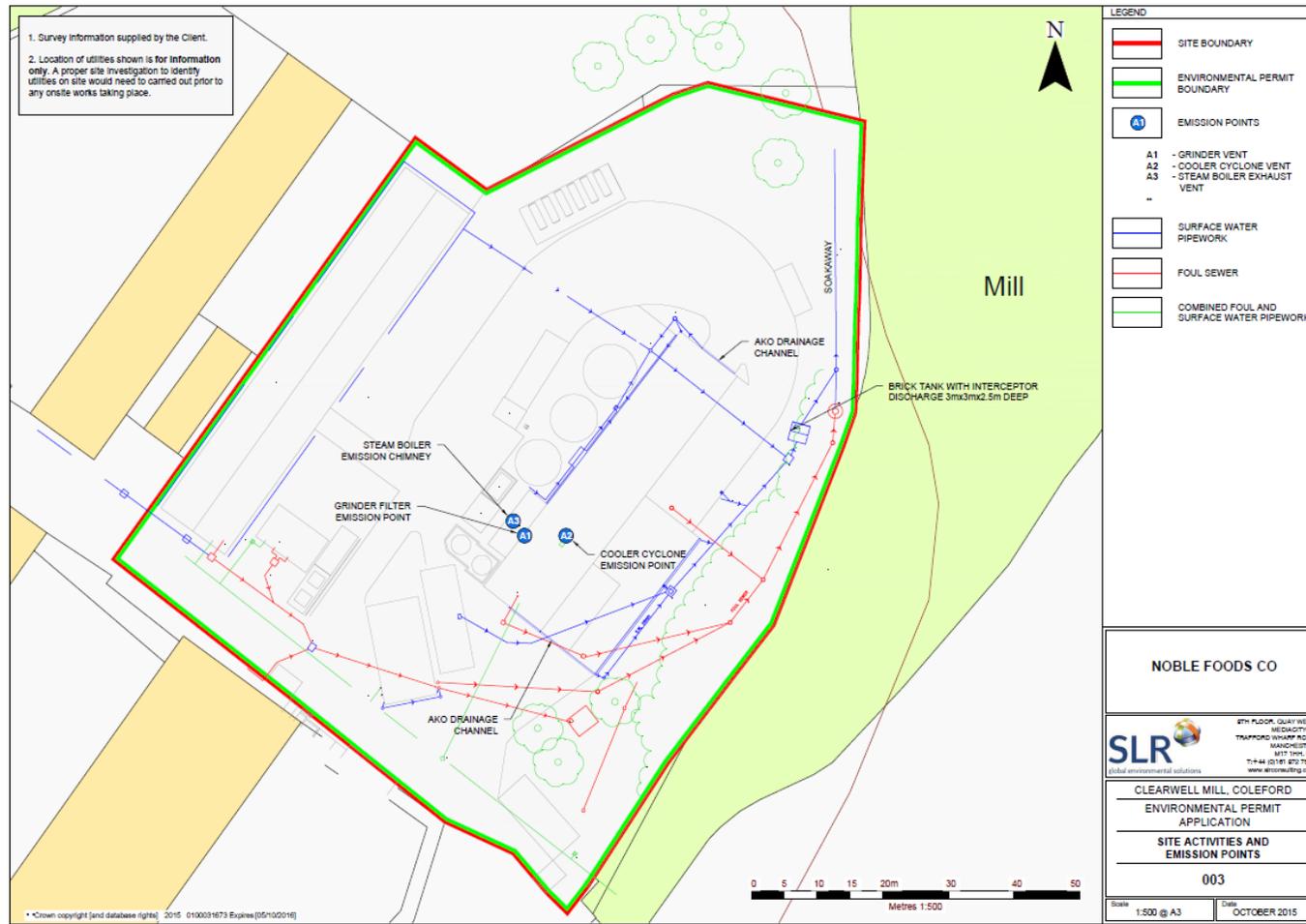
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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