

# Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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ADM Milling Limited

Knottingley Mill  
Forge Hill Lane  
Knottingley  
WF11 8HR

**Permit number**

EPR/BP3531RN

# Knottingley Mill

## Permit number EPR/BP3531RN

### Introductory note

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

The main features of the permit are as follows.

The Schedule 1 activity undertaken at the installation falls under Section 6.8 Part A(1)(d)(ii) - *Treatment and processing of only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day*. The facility produces flour products and through the process undertakes handling and storing raw materials, preparing raw material, size reduction by milling, mixing and blending, packaging and storage and transporting the finished products.

As a consequence of these activities, the main point source emissions are related to particulate matter and water discharge.

#### Particulate matter

There are 22 discharge points to atmosphere. The grid reference and a site plan showing these 22 point source emissions have been provided. These discharge points have been fitted with filter bags to mitigate emissions and satisfy the BAT criteria.

#### Water discharge

The site has an Environmental Permit for existing water discharge to the River Aire, permit number EPR/BP3823GC, which will be included in this installation permit. The discharge is produced by washing down vehicles LGV vehicle windscreens, mirrors and lights, and no chemicals are used in the process, just hot water. The water passes through an interceptor before being discharged to River Aire.

The rain water from the site is also collected and passes through an interceptor before being discharged to River Aire via a second discharge point.

The site benefits of an extensive Environment and Management System and also employs external consultants to carry out independent environmental audits. They are currently in the process of a gap analysis to determine if the group would benefit from ISO 14001 accreditation.

ADM Milling Knottingley is located on Forge Hill Lane, Knottingley. The site borders the River Aire and the Aire and Calder Navigation. The closest residents are on the other side of the canal, less than 50m from the site boundary. There is no SSI within 2 km or a SAC/SPA within 10 km of the site boundary.

The facility converts approximately 102,000 tonnes of wheat (and a small quantity of other ingredients – less than 1%) into flour and associated co-products, however this throughput has recently increased due to production support from the installation to other sites within the Company's UK operation. As a result of this increase the installation average daily throughput has increased to over 300 tonnes per day, exceeding the statutory requirement for Part (A)1 permit.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/BP3531RN/A001	Duly made 09/03/17	Application for an Environmental Permit
Additional information received	01/06/17	Response to schedule 5 notice dated 26/05/17.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Permit determined EPR/BP3531RN (PAS Billing ref. BP3531RN)	29/06/17	Permit issued to ADM Milling Limited.

End of introductory note

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/BP3531RN**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

**ADM Milling Limited** (“the operator”),

whose registered office is

**Church Manorway**

**Erith**

**Kent**

**DA8 1DL**

company registration number **02445197**

to operate an installation at

**Knottingley Mill**

**Forge Hill Lane**

**Knottingley**

**WF11 8HR**

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

<b>Name</b>	<b>Date</b>
<b>Philip Lamb</b>	<b>29/06/2017</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, S3.2; and
  - (b) process monitoring specified in table S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 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.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 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 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
Section 6.8 Part A(1)(d)(ii) <i>Treatment and processing of only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day.</i>	Production of flour products (including co-products for animal feed), by the handling and storage of raw materials, raw material preparation, size reduction by milling, mixing and blending, pelletisation, packaging and storage and transporting the finished products.	From receipt of raw materials to dispatch of finished products.
Directly Associated Activity		
Vehicle wash down	The washing of vehicle and discharge of vehicle wash down water via a 3 stage interceptor to outlet 1.	N/A
Steam generation	Steam generation using one fuelled boiler with a net thermal rated input of 316 kWth.	Steam used to condition animal feed product during pelletisation.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The application documents provided in response to section 3a – technical standards , Part B3 (B4 etc) of the application form. EPKNO 02 - Summary of Environmental Management System EPKNO 05 - Non-technical Summary EPKNO 06 - Aspects and impacts EPKNO 08 - Air emissions summary EPKNO 09 - Noise Management Plan EPKNO 11 - Review of environmental monitoring EPKNO 12 - Summary of waste procedures EPKNO 14 - Climate change agreement underlying agreement EPKNO 16 - Summary of Emergency Procedures EPKNO 17 - Summary of Energy Procedures EPKNO 18 - Summary of Maintenance Procedures Q7ADM01 - Knottingley Maintenance Systems	Duly Made 09/03/17
Response to Schedule 5 Notice dated 26/05/17	Response to question 1 detailing water usage on site and route of disposal.	01/06/17

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	As part of a planned maintenance programme for dust filters, the operator shall ensure a routine visual check is undertaken as soon as reasonably practicable after filter replacement to ensure correct installation and operation.	To be implemented on site within 3 months of permit issue.

# 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
A1 [Point 1 on Emission points plan in Schedule 7]	Flour silo - Bin 41-56 Filling Filter KMK-FSI-07	Particulate matter	No limit set	-	-	-
A2 [Point 2 on Emission points plan in Schedule 7]	Flour silo - Blending Brown Flour Filter KMK-FSI-07	Particulate matter	No limit set	-	-	-
A3 [Point 3 on Emission points plan in Schedule 7]	Flour silo - Blending White Flour Filter KMK-FSI-07	Particulate matter	No limit set	-	-	-
A4 [Point 4 on Emission points plan in Schedule 7]	Flour silo - Bulk Flour Return Filter KMK-FSI-07	Particulate matter	No limit set	-	-	-
A5 [Point 5 on Emission points plan in Schedule 7]	Flour silo - Bin 47 & 48 Filter KMK-FSI-07	Particulate matter	No limit set	-	-	-
A6 [Point 6 on Emission points plan in Schedule 7]	Flour silo - Bin 58 & 59 Filter KMK-FSI-08	Particulate matter	No limit set	-	-	-
A7 [Point 7 on Emission points plan in Schedule 7]	Mill process - Purifier Aspiration Filter KMK-MIL-05	Particulate matter	No limit set	-	-	-
A8 [Point 8 on Emission points plan in Schedule 7]	Mill process - Pneumatic A Aspiration Filter KMK-MIL-05	Particulate matter	No limit set	-	-	-
A9 [Point 9 on Emission points plan in Schedule 7]	Mill process - Pneumatic B Aspiration Filter KMK-MIL-05	Particulate matter	No limit set	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
A10 [Point 10 on Emission points plan in Schedule 7]	Mill process - Top Patent & Flour 1 Filter KMK-MIL-05	Particulate matter	No limit set	-	-	-
A11 [Point 11 on Emission points plan in Schedule 7]	Mill process - Bin 33 Filter KMK-MIL-05	Particulate matter	No limit set	-	-	-
A12 [Point 12 on Emission points plan in Schedule 7]	Mill process - Bin 60 Filter KMK-MIL-05	Particulate matter	No limit set	-	-	-
A13 [Point 13 on Emission points plan in Schedule 7]	Wheat pre-clean - Wheatfeed Filter KMK-PCT-05	Particulate matter	No limit set	-	-	-
A14 [Point 14 on Emission points plan in Schedule 7]	Wheat pre-clean - Wheat Intake Aspiration Filter KMK-PCT-07	Particulate matter	No limit set	-	-	-
A15 [Point 16 on Emission points plan in Schedule 7]	Wheat pre-clean - Wheat Intake Filter KMK-PCT-07	Particulate matter	No limit set	-	-	-
A16 [Point 16 on Emission points plan in Schedule 7]	Wheat pre-clean - Preclean Filter KMK-PCT-08	Particulate matter	No limit set	-	-	-
A17 [Point 17 on Emission points plan in Schedule 7]	Wheat pre-clean - Pellet Production Filter KMK-PCT-08	Particulate matter	No limit set	-	-	-
A18 [Point 18 on Emission points plan in Schedule 7]	Pellet outload - Pellet Bin Filter KMK-PSI-07	Particulate matter	No limit set	-	-	-
A19 [Point 19 on Emission points plan in Schedule 7]	Pellet outload - Packing Station Filter KMK-PSI-07	Particulate matter	No limit set	-	-	-
A20 [Point 20 on Emission points plan in Schedule 7]	Pellet outload - Bran C Asp Filter KMK-PSI-07	Particulate matter	No limit set	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
A21 [Point 21 on Emission points plan in Schedule 7]	Warehouse - Big Bag Filter KMK-WHE-01	Particulate matter	No limit set	-	-	-
A22 [Point 22 on Emission points plan in Schedule 7]	Canopy - Bin 36 KMK-PSI-06	Particulate matter	No limit set	-	-	-
A23 [Point 23 on Emission points plan in Schedule 7]	Auxiliary boiler stack	No parameter	No limit set	-	-	-

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 (S22 1.5 on site plan CCTV_EP_17 dated on 31/05/17)	Vehicle wash bay effluent, discharged via a 3 stage interceptor to River Aire	Maximum daily discharge volume	2 m <sup>3</sup> /day	Total daily volume	N/A	N/A
W2 (S12 1.85 on site plan CCTV_EP_17 dated on 31/05/17)	Surface water run-off (site drainage)	No parameters set	No limit set	-	-	-

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
A1 – A22	A documented visual check of emission points	Once per shift	-	-
	A documented leak detection check of dust abatement systems	Weekly	-	-



## 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>
-	-	-	-

<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	m <sup>3</sup>
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Waste sent off site for disposal	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	01/07/17
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	01/07/17
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	01/07/17

# 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.

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 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

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

“Pests” means Birds, Vermin and Insects.

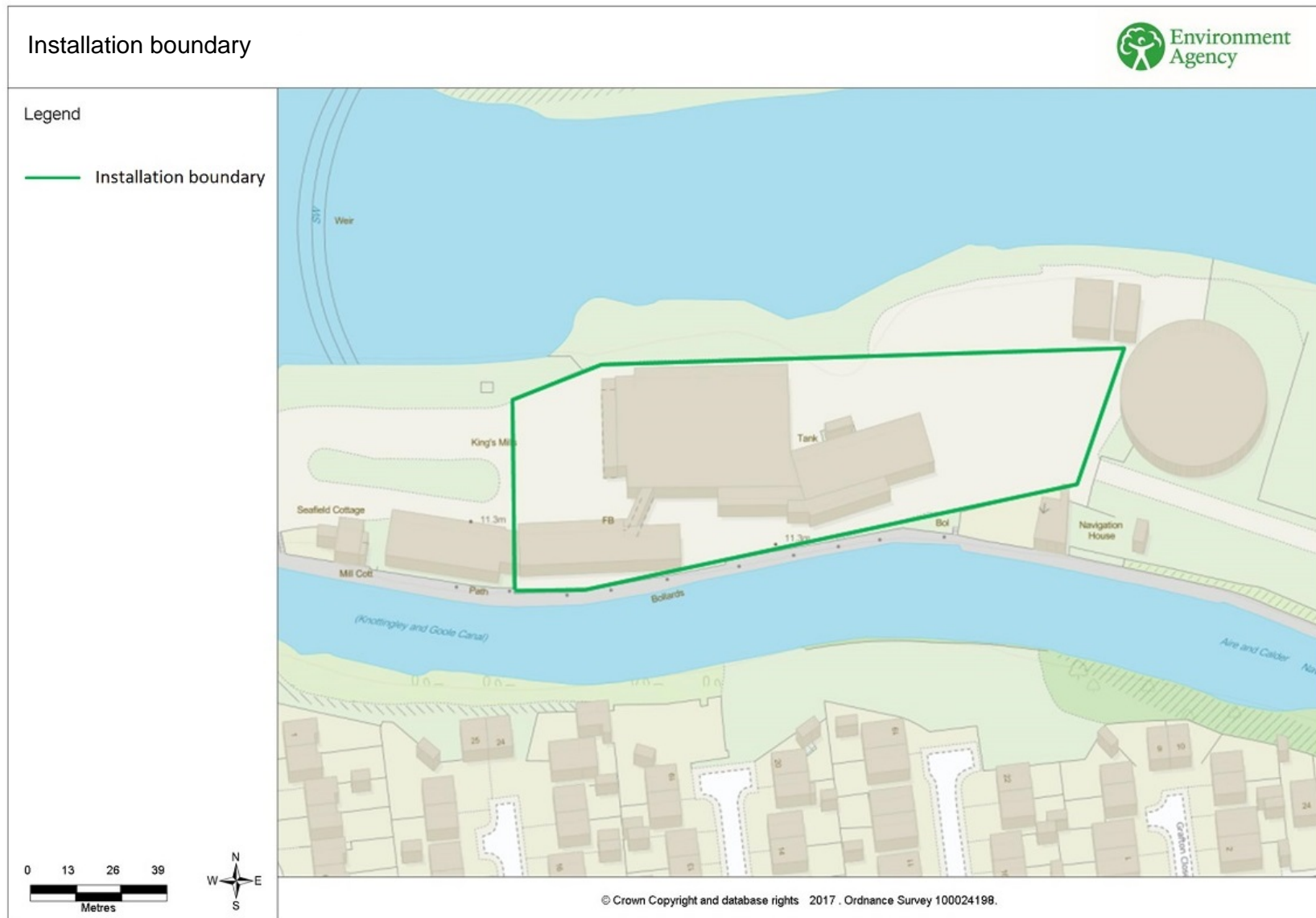
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

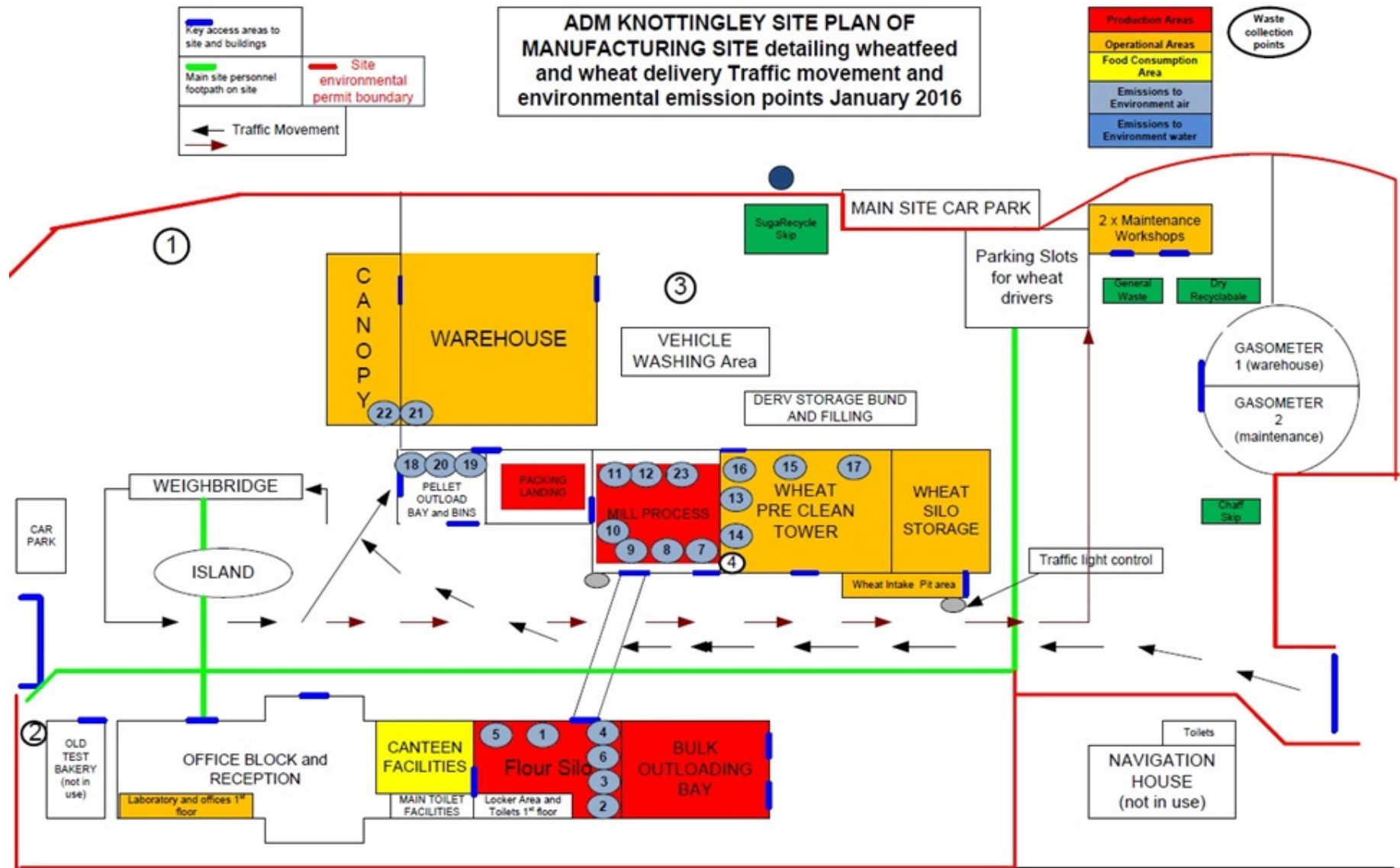
- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration 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 plans



# Emission points



END OF PERMIT

Permit number  
EPR/BP3531RN