

# Permit with introductory note

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

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Lamb-Weston/Meijer UK Limited

Wisbech Potato Products Plant

Weasenham Lane

Wisbech

Cambridgeshire

PE13 2RN

### **Permit number**

EPR/MP3038JY

# Wisbech Potato Products Plant

## Permit number EPR/MP3038JY

### Introductory note

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

The main features of the permit are as follows.

The Wisbech plant receives and process approximately 140,000 tonnes of raw potatoes per annum for the production of par-fried frozen potato products; primarily french-fries, and associated co-products such as grey starch and peel mash. The site requires a Part A environmental permit, under the following regulations:

**Section 6.8 Part A (1) d) (ii) - Treatment and processing, other than exclusively packaging, of vegetable raw materials with a finished product production capacity greater than 300 tonnes per day**

The site (national grid reference TF4559108601) is surrounded by industrial properties to the North, North East, South, and South-West, with a residential area approximately 100 metres to the North West. Beyond that, there are agricultural fields to the north-west and the town of Wisbech to the north-east.

The key processing steps are:

- Receiving
- Grading, cleaning and sorting
- Washing
- Steam peeling
- Cutting
- Optical Sorting
- Blanching
- Pre-drying
- Frying
- Freezing
- Packaging / Palletizing

The main emissions to air arise from the boiler stack (NO<sub>x</sub>, CO and particulates) building roof vents, fryer stacks (odour) and steam peelers (steam).

All effluent and surface water drainage from within the production area boundary is channelled to the on-site effluent treatment plant and does not discharge into the surface water drainage system. Effluent treatment involves physical separation of collected effluent via clarifiers, centrifugation for recovery of grey starch co-product, lamella separation to remove suspended solids, and final settlement and pH adjustment prior to sewer discharge (Anglian Water Trade Effluent Discharge Consent). There is no biological treatment (aerobic or anaerobic). Due to the capacity of the system, this is also a listed activity in its own right:

**Section 5.4 Part A (1) a) ii) Disposal, recovery or a mixture of disposal and recovery of non- hazardous waste with a capacity exceeding 50 tonnes per day by physicochemical treatment**

Roof water is collected and discharges directly to a drain managed by the internal drainage board. The drainage from the car parks outside the production is collected and discharges to off-site drains, via an interceptor for oil water separation.

The site is located approx. 600 metres from three Air Quality Management Areas (AQMA); Wisbech AQMA 1, Wisbech AQMA 2 and Wisbech AQMA 3. Nene Washes is a SAC, SPA and Ramsar and is located within 10km of the site.

The operator has an in-house Environmental Management System.

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/MP3038JY/A001	Duly made 07/01/2019	Application for a new bespoke environmental permit.
Additional information received	20/09/2019	Schedule 5 Notice Response
Permit determined EPR/MP3038JY (PAS Billing ref. MP3038JY)	27/01/2020	Permit issued to Lamb-Weston/Meijer UK Limited.

End of introductory note

# Permit

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

### Permit number

**EPR/MP3038JY**

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

**Lamb-Weston/Meijer UK Limited** (“the operator”),

whose registered office is

**Weasenhams Lane**

**Wisbech**

**Cambridgeshire**

**PE13 2RN**

company registration number 2582604

to operate an installation at

**Wisbech Potato Products Plant**

**Weasenhams Lane**

**Wisbech**

**Cambridgeshire**

**PE13 2RN**

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

Name	Date
Anne Lloyd	27/01/2020

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, S3.2 and S3.3.

- 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.
- 3.1.4 For the combustion activities referenced in schedule 1, table S1.1 the first monitoring measurements shall be carried out within four months of the issue date of the permit or the date when the MCP is first put into operation, whichever is later.

## **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.

## **3.4 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 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, S3.2 and S3.3 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.

## **4.4 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
<b>Section 6.8 Part A (1) d) (ii)</b> Treatment and processing, other than exclusively packaging, of vegetable raw materials with a finished product production capacity greater than 300 tonnes per day	Receive and process raw potatoes for the production of par-fried frozen potato products and associated co-products.	From receipt of raw material to dispatch of finished product.
<b>Section 5.4 Part A (1) a) ii)</b> Disposal, recovery or a mixture of disposal and recovery of non-hazardous waste with a capacity exceeding 50 tonnes per day by physicochemical treatment	Physical separation of collected effluent via clarifiers, centrifugation for recovery of grey starch co-product, lamella separation to remove suspended solids, and final settlement and pH adjustment prior to sewer discharge.	From production of effluent to discharge to sewer.
<b>Directly associated activity</b>	Material storage	Storage of raw materials including fuels and chemicals.
<b>Directly associated activity</b>	Medium Combustion Plant: Gas-fired Boilers of total capacity 15 MW thermal input for generating hot water and steam.	Receipt of fuels to emissions of combustion gases.
<b>Directly associated activity</b>	Medium Combustion Plant: Gas-fired Boilers of total capacity 22 MW thermal input for generating hot water and steam.	Receipt of fuels to emissions of combustion gases.
<b>Directly associated activity</b>	Storage and handling of waste materials.	Solid waste storage prior to off-site recovery/re-use
<b>Directly associated activity</b>	Freezing and chilling	Receipt of raw material to dispatch of the finished product.
<b>Directly associated activity</b>	Packaging and onward distribution of finished product.	Production of finished product to onward dispatch.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	<p>Answers to Section 3 on application form Part B3 including references to the Food and Drink Sector Guidance EPR 6.10 and the Food, Drink and Milk Industries BREF.</p> <p>The following documents in the Supporting Information:</p> <p>Section 3 – Assessment of BAT</p> <p>Section 5 – Environmental Risk Assessments</p> <p>Section 6 - Pollution Sources and Prevention</p> <p>Section 7– Surface Water/Flood Risk</p> <p>Section 9 – Air Quality Risk Assessment</p> <p>Section 11 – Emissions and Monitoring</p> <p>Section 12 – Site Condition Report</p>	07/01/2019

Table S1.2 Operating techniques		
Description	Parts	Date Received
Response to Schedule 5 Notice dated 02/08/2019	<p>Response to questions regarding odour management plan, including the revised Odour Management Plan, specifically to address;</p> <ul style="list-style-type: none"> <li>• Odour sources</li> <li>• Effluent Treatment</li> <li>• Odour Abatement and Extraction Systems</li> <li>• Odour Abatement Operating Techniques</li> <li>• Boilers</li> <li>• Blanching</li> </ul>	20/09/2019

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC 1	<p>The operator shall further develop the existing odour management plan (OMP) for approval in writing by the Environment Agency. The revised plan shall ensure the following are robustly addressed:</p> <ul style="list-style-type: none"> <li>- Determine at which point the contingency measures come in to place and appropriate timescales</li> <li>- Outline the day to day measures for identifying odour and contingency measures</li> <li>- Outline the additional measures in place in the event of an incident to prevent plant shutdown and minimise odour</li> <li>- Ensure that the odour management plan is in an accessible format to be used day to day by plant operatives</li> </ul> <p>The operator shall implement the approved OMP from the date of approval by the Environment Agency. As part of the approved OMP, the operator shall undertake a regular review of the plan (in particular following any complaints, identified operational issues and/or any changes on site) and formally update the plan annually.</p>	27/04/2020
IC2	<p>The operator shall carry out a comprehensive energy efficiency audit at the installation and use the results to devise a programme of quantitative improvements to demonstrate BAT.</p> <p>The operator shall provide a summary of this audit together with a schedule of works for proposed improvements, with timescales for completion, in writing to the Environment Agency.</p>	27/07/2020
IC3	<p>a) The Operator shall submit an assessment of Stages 1 – 3 within the European Commission Guidance on baseline reports to determine whether baseline reference data is required for ‘relevant hazardous substances’ (RHS).</p> <p>b) Should baseline reference data for RHS be required the Operator shall submit a plan documenting proposals to establish baseline reference data for RHS and a monitoring plan to comply with condition 3.1.3 in relation to the requirement for periodic monitoring of soil and groundwater.</p> <p>c) On completion of a) and b) the operator shall submit an updated Site Condition Report for the installation. The updated SCR should be produced in line with the Environment Agency H5 Guidance.</p>	27/04/2020

## 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

<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 [Emission point A1 on plan in Schedule 7]	Boiler Stack	No parameters set	No limits set	-	-	-
A2 [Emission point A2 on plan in Schedule 7]	Building Roof Vents	No parameters set	No limits set	-	-	-
A3 [Emission point A3 on plan in Schedule 7]	Fryer 1 Stack	No parameters set	No limits set	-	-	-
A4 [Emission point A4 on plan in Schedule 7]	Fryer 2 Stack	No parameters set	No limits set	-	-	-
A5 [Emission point A5 on plan in Schedule 7]	Steam Peeler 1	No parameters set	No limits set	-	-	-
A6 [Emission point A6 on plan in Schedule 7]	Steam Peeler 2	No parameters set	No limits set	-	-	-

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. unit)</b>	<b>Reference Period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
W1 [Emission point SW1 on plan in Schedule 7]	Uncontaminated site surface water from Western Car Park Drainage	Visible oil and grease	No visible oil or grease	Spot sample	Weekly	Visual inspection
W2 [Emission point SW2 on plan in Schedule 7]	Uncontaminated site surface water from Northern Car Park Drainage	Visible oil and grease	No visible oil or grease	Spot sample	Weekly	Visual inspection

<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>
W3 [Emission point SW3 on plan in Schedule 7]	Uncontaminated site surface water from Roof Water Drainage	No parameters set	No limits set	-	-	-
W4 [Emission point SW4 on plan in Schedule 7]	Uncontaminated site surface water from Roof Water Drainage	No parameters set	No limits set	-	-	-

<b>Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– 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>
S1 [Emission point S1 on plan in Schedule 7]	Trade Effluent Discharge (Anglian Water Sewer)	Total daily volume of discharge	-	24-hour total	Continuous	MCERTS self-monitoring of effluent flow scheme

## 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 sewer Parameters as required by condition 3.5.1	S1	Every 12 months	1 January

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Finished Product	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
Refrigerant usage	Annually	kg
Waste production	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Sewer	Form Sewer1 or other form as agreed in writing by the Environment Agency	January 2020
Water usage	Form WaterUsage1 or other form as agreed in writing by the Environment Agency	January 2020
Energy usage	Form Energy1 or other form as agreed in writing by the Environment Agency	January 2020
Waste	Form Waste1 or other form as agreed in writing by the Environment Agency	January 2020
Other performance indicators	Form Performance1 or other form as agreed in writing by the Environment Agency	January 2020



# 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 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

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

“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.

Pests” means Birds, Vermin and Insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

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.

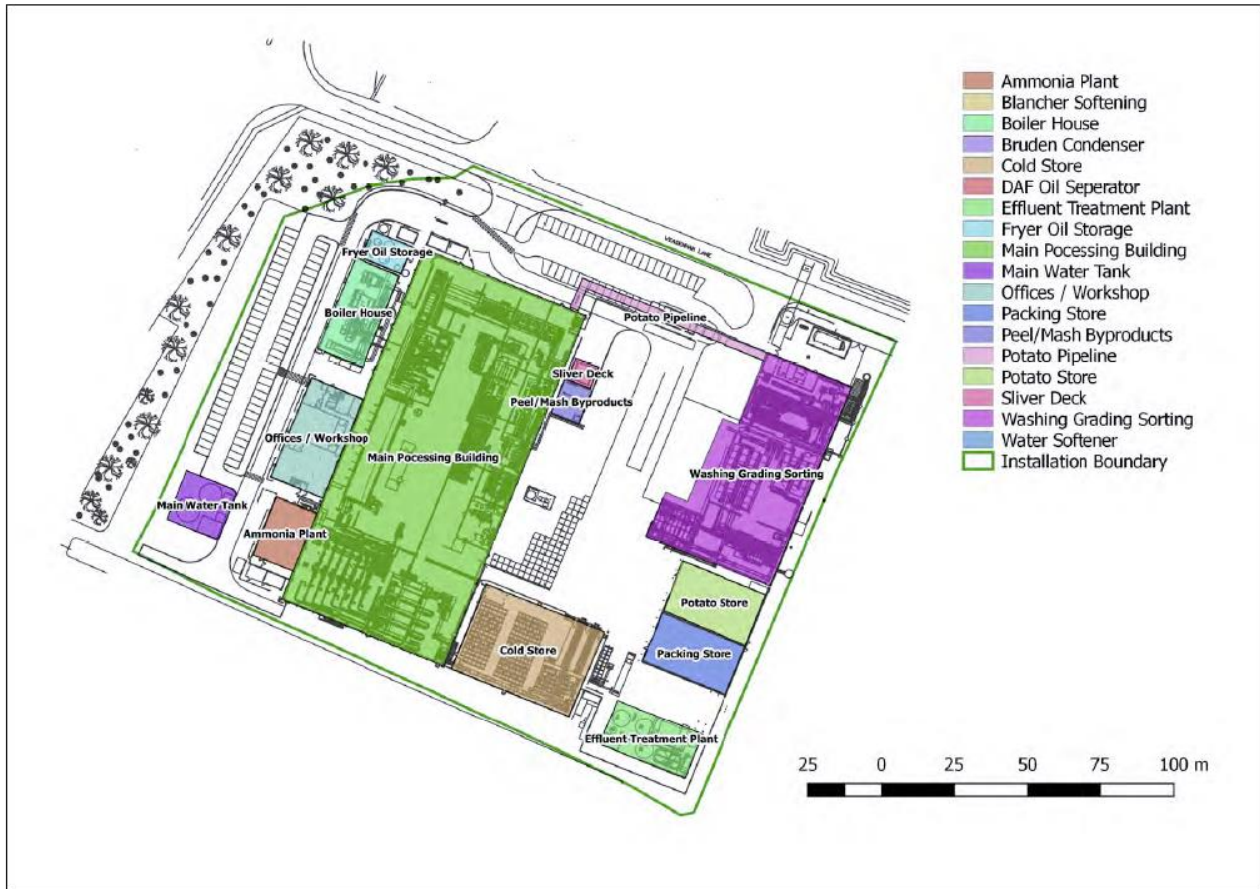
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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.

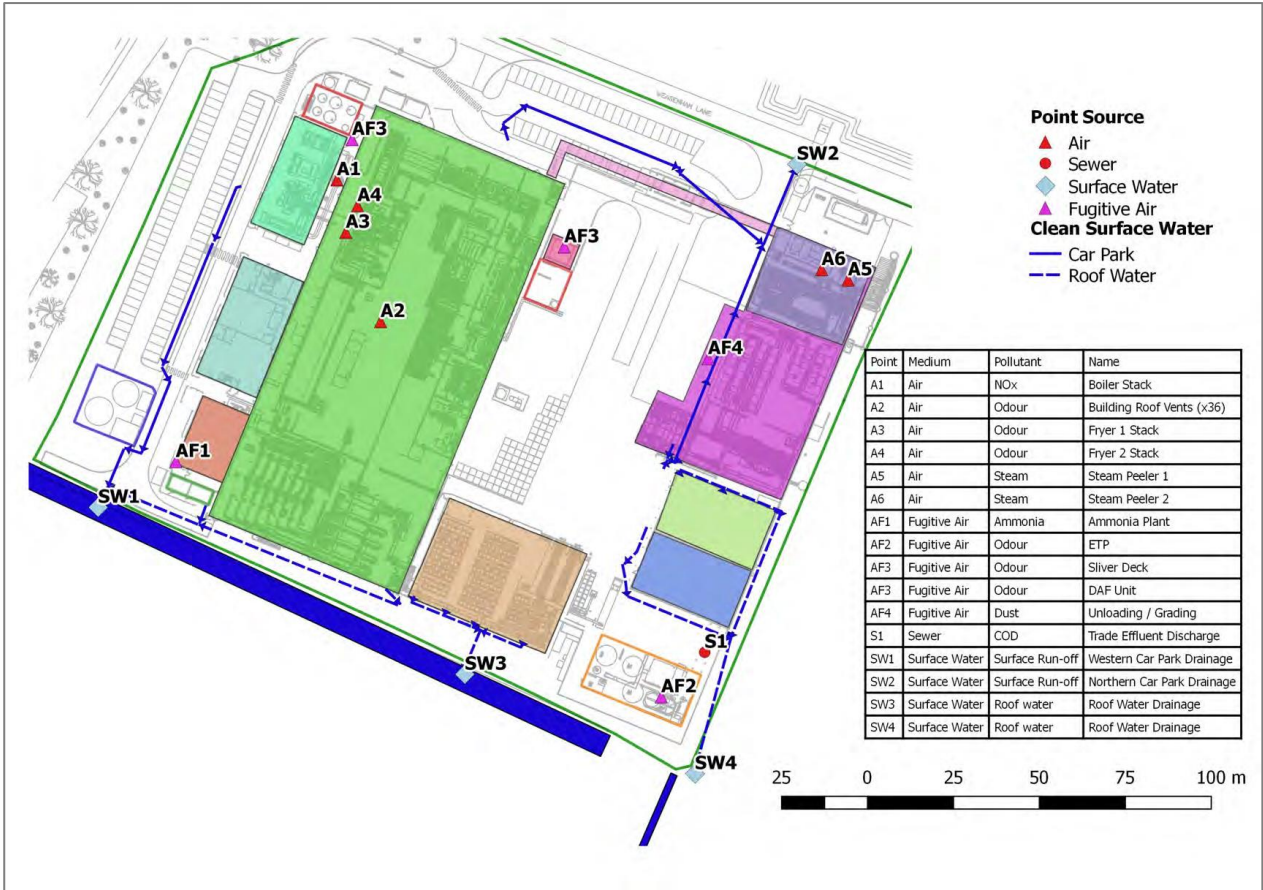
“year” means calendar year ending 31 December.

# Schedule 7 – Site plan

## i) Site boundary



ii) Emission point plan



END OF PERMIT