



Environment  
Agency

# Notice of variation and consolidation with introductory note

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

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Yelo Enterprises Ltd

Atherstone Oilseed Processing

Alscot Estate

Atherstone Airfield

Atherstone on Stour

Stratford-Upon-Avon

CV37 8BE

## **Variation application number**

EPR/CP3030JR/V004

## **Permit number**

EPR/CP3030JR

# Atherstone Oilseed Processing

## Permit number EPR/CP3030JR

### Introductory note

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

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

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

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

We have implemented the requirements of the Medium Combustion Plant directive and retained existing emission level values.

The schedules specify the changes made to the permit.

The main features of the permit are as follows.

Yelo Enterprises Limited, located on land within the Alscot Estate, Atherstone Airfield (Grid Reference SP 21385 51496), comprises of an oilseed processing facility which produces refined rapeseed oil and solid animal feed cake. There is a biomass combined heat and power plant (CHP) which provides the facility with all its electricity and heat requirements.

The processing capacity of the Yelo Enterprises Limited site exceeds the 300 tonnes per day threshold for the treatment and processing of vegetable raw materials as the site has been designed to process up to 1000 tonnes per day of oil seed.

The site has a Combined Heat and Power (CHP) Medium Combustion Plant (MCP) of 15 MWth input. The CHP plant is designed to combust non-treated Grade A waste Wood and Virgin timber (from forestry works or virgin wood processing such as wood off cuts, shavings or sawdust from sawmills or timber product manufacture dealing in virgin timber or cuttings and brash from tree felling or other forestry management operations) to produce heat in a biomass fired furnace and thermal oil heater. The resultant hot thermal oil then powers an Organic Rankine Cycle system and steam generator for the production of renewable electricity and heat for utilisation within the oilseed processing facility. The CHP Plant can combust 120 tonnes of wood per day to generate electricity, steam, and hot water.

A water softener and water treatment system are incorporated into the design of the oil/steam heat exchanger as well as condensate recovery and blow down drains. Granular food grade salt is used as the softener. The boiler water treatment uses condition chemicals to protect the steam boiler against both corrosion and scale build up. All chemicals are supplied in drums that are stored on banded pallets in the CHP building and the product is hand pumped to a self-banded 500 litre storage tank adjacent to the point of use. Two reverse osmosis systems have been installed to deliver maximum recovery rates and water purity; they work on a duty / standby / assist basis.

Ancillary equipment linked to the CHP includes an air cooler which has the capacity to dump all surplus heat in the event that the rape seed oil processing plant experiences a crash shut down. There is also a back-up package boiler which is specified to generate 5000kg/hr (4MWt) steam at a maximum working pressure of 10 bar. Natural gas is supplied by the mains and light oil is delivered by tanker and stored in a stainless-steel

tank that stands in a bunded area. The outlet airstream from the two carbon filter containers will continue to be discharged through a 24-metre-high stack.

Uncontaminated surface water run-off from external hard standing and roof top areas discharges to a retention tank which ultimately drains to the River Stour.

The site is currently on agricultural land. The nearest sensitive land use is considered to be residential properties to the south west of the site boundary.

Ailstone Old Gravel Pit SSSI lies within 2km of the installation boundary. There are no European Conservation sites or Ramsars within 10km of the installation.

The status log of a 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 received EPR/CP3030JR/A001	Duly made 14/02/2018	Application for oilseed processing facility.
Additional information received	06/04/2018	Updated Site Plan, Clarification of water softener and water treatment systems, details of CHP ancillary equipment.
Additional information received	11/05/2018	Confirmation of drainage, clarification of wood shredding on site, updated OMP.
Additional information received	05/11/2018	Update to biomass boiler fuel type.
Additional information received	13/12/2018	Change to Application – Fire Prevention Plan Provided.
Additional information received	11/04/2019 25/04/2019	Clarification of Fire Prevention Plan <ul style="list-style-type: none"> <li>• Fire walls and bays</li> <li>• Negative Pressure</li> <li>• Compass rose</li> </ul>
Additional information received	23/05/2019	Details of odour abatement system
Additional information received	02/07/2019 04/07/2019	Justification of odour abatement system and final odour management plan
Additional information received	22/07/2019 23/07/2019	Waste Acceptance Procedure and clarification of backup boiler size.
Permit determined EPR/CP3030JR	24/07/2019	Permit issued to Yelo Enterprises Limited.
Application EPR/CP3030JR/V002	Duly made 20/03/2020	Variation to include the combustion of odorous air within the existing CHP plant as an odour mitigation measure for one of the extracted air streams from the Oilseed Processing Plant.
Additional information received	29/04/2020	Updated application supporting documents received: <ul style="list-style-type: none"> <li>• Annex B - Technical Drawings v2</li> <li>• Annex C - SOL1910YE01 - Environmental Risk Assessment v2</li> <li>• Updated site plan</li> <li>• Annex D - Odour Management Plan v8</li> <li>• SOL1910YE01 Application Support Document v2</li> </ul>

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional information received	20/08/2020	Clarification provided on Stream 3 contaminant concentrations.
Additional information received	08/09/2020	Clarification provided on SO2 concentrations.
Variation determined EPR/CP3030JR	22/09/2020	Variation issued to Yelo Enterprises Limited.
Application EPR/CP3030JR/V003	Duly made 31/05/2022	Application to increase production capacity from 500 to 1000 tonnes per day and to change the configuration of the odour abatement system.
Response to the Schedule 5 Notice	24/05/2023	Revised changes to plant and odour abatement system provided. Dispersion modelling assessment resubmitted with revised odour emission rates. Clarification of airstream numbering. Method of moisture removal provided.
Final update to the Odour Management Plan version 11 received	15/08/2023	Revisions to plan after request (sent 08/08/23) to update it to take account of the proposed changes to the odour abatement.
Variation determined EPR/CP3030JR/V003	11/09/2023	Variation issued to Yelo Enterprises Limited.
Application EPR/CP3030JR/V004 (variation and consolidation)	Regulation 61 Notice response received 07/10/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Additional information received	07/06/2023	Further information provided relating to the Vertical seed conditioners, refrigeration gases, wastewater buffer capacity, RO and MBR, discharge to water, auxiliary vacuum generation, air abatement techniques, MCPs capacity, updated site plan, and non-technical description.
Variation determined and consolidation issued EPR/CP3030JR (Billing ref. KP3148QU).	19/12/2023	Varied and consolidated permit issued in modern format.

End of introductory note

# Notice of variation and consolidation

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

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

### Permit number

EPR/CP3030JR

### Issued to

("the operator")

whose registered office is

**Atherstone Airfield Industrial Estate  
Stratford Upon Avon  
United Kingdom  
CV37 8BH**

company registration number 10215523

to operate a regulated facility at

**Atherstone Oilseed Processing  
Alscot Estate  
Atherstone Airfield  
Atherstone on Stour  
Stratford-Upon-Avon  
CV37 8BE**

to the extent set out in the schedules.

The notice shall take effect from 19/12/2023.

Name	Date
Marcus Woodward	19/12/2023

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/CP3030JR**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CP3030JR/V004 authorising,

**Yelo Enterprises Ltd** (“the operator”),

whose registered office is

**Atherstone Airfield Industrial Estate  
Stratford Upon Avon  
United Kingdom  
CV37 8BH**

company registration number 10215523

to operate an installation at

**Atherstone Oilseed Processing  
Alscot Estate  
Atherstone Airfield  
Atherstone on Stour  
Stratford-Upon-Avon  
CV37 8BE**

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

<b>Name</b>	<b>Date</b>
Marcus Woodward	19/12/2023

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

### 1.2 Energy efficiency

1.2.1 The operator shall:

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

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

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



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

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

### **2.4 Improvement programme**

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **3 Emissions and monitoring**

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

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

### **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The emission from A1 (Three flue stack) shall not exceed 5000 OU<sub>E</sub>/m<sup>3</sup> odour units.

### **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.

## **3.7 Fire prevention**

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

# **4 Information**

## **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

## 4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
  - (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
  - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
  - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
  - (b) any change in the operator's name(s) or address(es); and
  - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
  - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
  - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
  - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

## 4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity and waste types</b>
AR1	Section 6.8 Part A(1) (d)(ii)	Treating and processing for the production of food from only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day.	From receipt of raw materials to dispatch of finished products of rapeseed oil and solid animal feed cake.  Production capacity is limited to 1,000 tonnes per day.
AR2	Section 5.1 Part A1 (b)	Incineration of non-hazardous waste in a waste incineration plant or waste co-incineration plant with a capacity exceeding 3 tonnes per hour.	Operation of a 15MWth CHP plant fired with untreated grade A wood for the generation of electricity, hot water and steam, including storage of wood feed stock.  Limited to grade A waste wood that is not subject to the requirements of IED chapter IV; as specified in Table S2.1 and S2.2.
<b>Directly Associated Activity</b>			
AR3	Water softening and water treatment plant	Water Softener System: A water softener fitted to the discharge of the Raw Water Feed Pumps and delivers up to 18m <sup>3</sup> /hour of soft water.  Reverse Osmosis System: Installed to deliver maximum recovery rates and water purity.  Boiler Water Treatment: To protect the boiler from corrosion and scale build up.	From production of treated water to use in the production process.
AR4	Steam and power supply	Backup Boiler: 4.0 MWth Natural gas fired	From receipt of fuel to release of products of combustion to air.  The Backup Boiler is limited to operate for up to 500 hours per year.
AR5	Raw material storage and handling	Storage and handling of raw materials at the installation	From receipt of raw materials to dispatch of final product.
AR6	Storage and use of chemicals and oils	Storage and use of chemicals and oils at the installation.	From receipt of chemicals and oils to disposal of wastes arising.
AR7	Waste storage and handling	Storage and handling of waste materials	From generation of waste to storage pending removal for disposal or recovery.

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity and waste types</b>
AR8	Surface water drainage	Collection of uncontaminated site surface waters	Handling and storage of site drainage until discharge to the site surface water system discharging to unnamed tributary to River Stour.
AR9	Odour Abatement Plant	Odour emissions from process.	From production of odorous streams 1 and 2 (combined to form stream 3), and stream 4, to dispersion through stack.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/CP3030JR/A001	B3 of the application section 3 - 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. The following application Supporting Documents: <ul style="list-style-type: none"> <li>• Supporting Documents</li> <li>• Section: Non-Technical Summary</li> <li>• Section 6. Resource Efficiency and Climate Change</li> <li>• Section 7. Impact to the Environment</li> <li>• Annex C2 Environmental Risk Assessment</li> <li>• Annex D1 Accident Management Plan</li> <li>• Annex D2 Fire Prevention Plan</li> </ul>	Duly made 14/02/2018
Response to Schedule 5 Notice (dated 29/03/2018)	Water softener and water treatment systems, CHP ancillary equipment and an updated site map.	04/06/2018
Additional information	Confirmation of drainage, clarification of wood shredding on site.	11/05/2018
Response to request for further information (dated 05/02/2019)	Fire Prevention Plan – Clarification on fire walls and bays Wind rose.	11/04/2019 25/04/2019
Additional information	Details of Carbon Filter Odour abatement System.	23/05/2019
Response to request for further information (dated 05/06/2019)	Annex D3 Odour Management Plan Version 5.	02/07/2019
Response to request for further information (dated 18/07/2019)	Waste Acceptance Procedure.	22/07/2019
IC1: Commissioning report	Commissioning report received as part of the improvement programme requirement (IC1).	31/03/2020
Application EPR/CP3030JR/V002	Application Supporting Document EPR/CP3030JR (dated: October 2019) (Section 3.4 for inclusion of Stream 3 diversion to the CHP).	29/04/2020

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Additional information	<p>Updated process schematic: “Annex B - Technical Drawings v2” (FDS-001 rev 3, dated: 08/04/2020) – Amends Stream 3 diversion to the CHP.</p> <p>Updated Environmental Risk Assessment: “Annex C - SOL1910YE01 - Environmental Risk Assessment v2” (dated: October 2019).</p> <p>Updated Odour Management Plan: “SM010.1 Odour Management Plan v8” (SOL1709RCMA01, issue 8, dated: 04/2020) (excluding all references to treatment via non-thermal plasma (Aerox unit).</p>	29/04/2020
Additional information	Updated Odour Management Plan version 11 (Reference SM010.1 Odour Management Plan v11.pdf) that sets out the changes to the odour abatement, moisture removal and clarification of the airstream definition.	15/08/2023
Regulation 61 (1) Notice – Responses to questions dated 08/06/2022	All parts	07/10/2022
Request for further information dated 30/05/2023	Further information provided relating to the Vertical seed conditioners, refrigeration gases, wastewater buffer capacity, RO and MBR, discharge to water, auxiliary vacuum generation, air abatement techniques, MCPs capacity, updated site plan, and non-technical description.	07/06/2023

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC2	<p>The Operator shall confirm in writing to the Environment Agency that the Narrative BAT requirements for the BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 6 were in place on or before 4 December 2023.</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	One month form permit issue



## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Fuel for CHP	Non-treated Grade A wood.
	Virgin timber from forestry works or virgin wood processing such as wood off cuts, shavings, or sawdust from sawmills or timber product manufacture dealing in virgin timber or cuttings and brash from tree felling or other forestry management operations.

Table S2.2 Permitted waste types and quantities	
Maximum quantity	Wood waste with the exception of wood waste which may contain halogenated organic compounds or heavy metals - 120 tonnes per day with a maximum of 3.5 days storage.
Waste code	Description
15 01 03	Wooden packing.

## 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 A1 on site plan in Schedule 7]	Boiler 1 15 MWth Biomass fired. Three flue stack: Flue 1 discharges cleaned flue-gas.	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	300 mg/m <sup>3</sup>	Periodic	Every three years	BS EN 14792
		Carbon monoxide	No Limit	Periodic	Every three years	MCERTS BS EN15058
		Particulate matter	30 mg/m <sup>3</sup>	Average over sampling period	Annually	BS EN 13284-1
A1 [Point A1 on site plan in Schedule 7]	Three flue stack: Flue 2 discharges the treated air from the odour treatment system.	Odour	5,000 O <sub>U</sub> e/m <sup>3</sup>	Hourly average	Annually	BS EN 13725
A1 [Point A1 on site plan in Schedule 7]	Three flue stack: Backup Boiler 4.0MWth Natural gas fired. [Note 1]	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	100 mg/m <sup>3</sup>	Periodic	Every three years	BS EN 14792
		Carbon monoxide	No Limit	Periodic	Every three years	MCERTS BS EN15058
		Particulate matter	No limit set	--	Every three years	BS EN 13284-1
Note 1: The emission limit and monitoring requirement are applicable only when the Backup Boiler operates more than 500h per year.						

<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>
W1 [Point W1 on site plan in schedule 7] emission to unnamed tributary of River Stour	Uncontaminated surface runoff from yards and roofs	No parameter set	No limit set	--	--	--

## Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air	A1 – NO <sub>x</sub> and CO <sub>2</sub>	Every three years	1 January
Parameters as required by condition 3.5.1	A1 – Particulates and odour	Annually	

Parameter	Units
Rapeseed oil produced	tonnes
Animal feed cake produced	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Waste	Annually	tonnes
Food waste	Annually	tonnes
COD efficiency	Annually	tonnes
Total raw material used	Annually	tonnes
Tonnes of waste sent off site for recovery or disposal	Annually	tonnes
Untreated Grade A wood	Annually	tonnes

Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Food Waste	Food waste Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1 06/02/2023

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

## Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

### Part A

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

<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	
Measures taken, or intended to be taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

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

## Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

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.

“average over the sampling period” means the average value of three consecutive measurements of at least 30 minutes each, unless otherwise stated, as defined in the General Considerations section of the Food, Drink & Milk Industries BAT Conclusions.

“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.

“Food waste” reporting: Reporting of food waste to use a methodology such as the global Food Loss and Waste Accounting and Reporting Standard (FLW standard) , WRAP’s Target Measure Act initiative or similar.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

“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. An “existing medium combustion plant” is a combustion plant operating before 20 December 2018.

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

“Pests” means Birds, Vermin and Insects.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“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.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

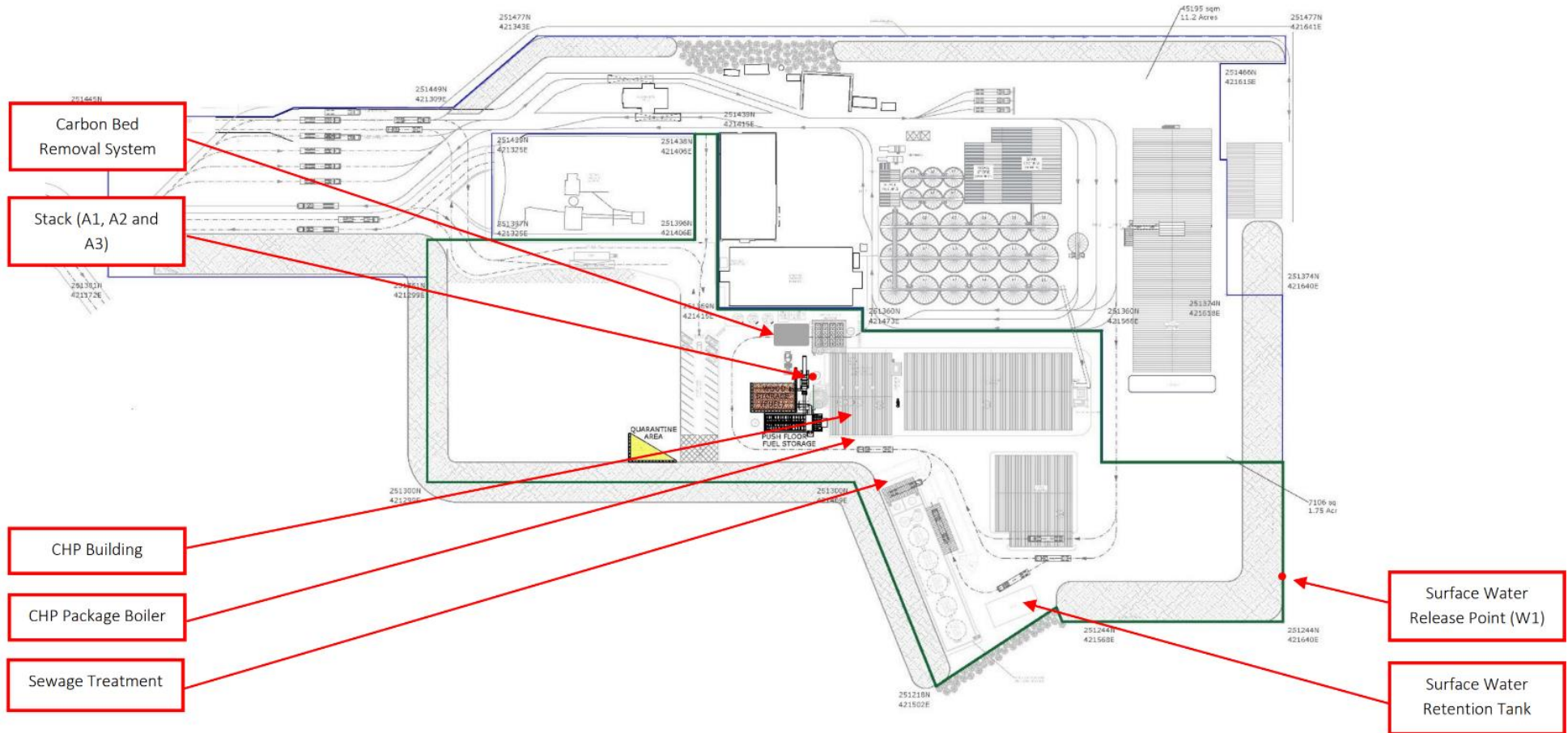
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:



- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous 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