

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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Anglo Beef Processors UK

ABP Kingswinford  
Oak Lane  
Kingswinford  
West Midlands  
DY6 7JS

**Variation application number**

EPR/CP3049QY/V002

**Permit number**

EPR/CP3049QY

# ABP Kingswinford

## Permit number EPR/CP3049QY

### 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. Only the variations specified in schedule 1 are subject to a right of appeal.

The Anglo Beef Processors UK abattoir is located on Oak Lane outside the town of Kingswinford. The site is bound by a mixture of industrial and residential properties. The Fens Pool SAC lies within 10km and Ketley Clay Pitts SSSI lies within 2km of the installation boundary.

The site is a single species (sheep) abattoir. The site operates under a Part A environmental permit under the Environmental Permitting Regulations as follows;

Section 6.8 A(1)(b) Slaughtering animals at plant with a carcass production capacity greater than 50 tonnes per day.

The variation EPR/CP3049QY/V003 authorises the following changes on site:

- The removal of boilers associated with point source emissions to air A3, A4, A5, A6, A7 and A8 while installing a 450kW hot water boiler which will now be associated with point source emission to air A3
- The inclusion of a pre-treatment (physico-chemical – 5.4 activity) to the on-site wastewater prior to discharge to sewer and relabelling point source emissions to sewer from E1 and E2 to S1 and S2. The (pre) treatment will comprise of screening, dissolved air flotation (DAF), sludge dewatering and flow control tank.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/PP3836WB/A001	Duly made 15/01/2015	Application for single species (sheep) abattoir with a slaughtering capacity greater than 50 tonnes per day.
Additional information received	24/03/2015	In response to schedule 5 notice dated 09/03/2015: Updated draft odour management plan, further information on odour control and tank containment.
Additional information received	17/04/2015	In response to schedule 5 notice dated 09/03/2015: Including further information about secondary containment and odour abatement.
Permit determined EPR/PP3836WB	15/05/2015	Permit issued to Janan Meat Limited.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/PP3836WB/V002 (variation and consolidation)	Duly made 10/11/2020	Application to vary permit to include the following; <ul style="list-style-type: none"> <li>• Add a new listed activity which was previously a directly associated activity.</li> <li>• Extension of the site boundary to house the new listed activity.</li> <li>• Addition of two gas fired boilers</li> </ul>
Additional information received in response to Schedule 5 Notice dated 06/01/2021	Received 04/03/2021	BAT GAP analysis for the new listed activity.
Additional information received in response to Schedule 5 Notice dated 06/01/2021	Received 10/03/2021	Revised noise management plan.
Variation determined EPR/PP3836WB/V002	25/03/2021	Varied and consolidated permit issued to Janan Meat Limited.
Application EPR/CP3049QY/T001 Duly made	14/12/2022	Application to transfer the permit in full from Janan Meat Limited to Anglo Beef Processors UK.
Transfer determined EPR/CP3049QY (Billing Ref: CP3049QY)	20/12/2022	Full transfer of permit complete.
Application EPR/CP3049QY/V002 (variation and consolidation)	Duly made 28/02/2024	Application to vary the permit to include the following: <ul style="list-style-type: none"> <li>• Removal of 6 old boilers to replace with a 450kW hot water boiler</li> <li>• The inclusion of a pre-treatment (physico-chemical – 5.4 activity) to the on-site wastewater prior to discharge to sewer and relabelling point source emissions to sewer from E1 and E2 to S1 and S2.</li> </ul>
Additional information received in response to Schedule 5 Notice dated 07/06/2024	Received 01/07/2024	Emissions to water risk assessment H1 screen Revised BAT assessments
Additional information received in response to Schedule 5 Notice dated 22/08/2024	Received 05/09/2024	Emissions to air risk assessment H1 screen Missing sections of the BAT assessments Appropriate measures assessment
Response to RFI email dated 16/10/2024	Received 17/10/2024	Estimated concentrations of chemicals in effluent
Variation determined and consolidation issued EPR/CP3049QY	17/12/2024	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/CP3049QY

### Issued to

**Anglo Beef Processors UK** (“the operator”)

whose registered office is

**Anglo Beef Processors**  
**Battlefield Road**  
**Shrewsbury**  
**Shropshire**  
**SY1 4AH**

company registration number 02925718

to operate a regulated facility at

**ABP Kingswinford**  
**Oak Lane**  
**Kingswinford**  
**West Midlands**  
**DY6 7JS**

to the extent set out in the schedules.

The notice shall take effect from 17/12/2024

Name	Date
Anne Lloyd	17/12/2024

Authorised on behalf of the Environment Agency

## Schedule 1

Only the following conditions have been varied by the consolidated permit EPR/CP3049QY as a result of the application made by the operator:

- Condition 2.2.1 – to update the site boundary to read “red”
- Table S1.1 to include:
  - Activity reference column
  - New activity 5.4 A(1)(a)(ii)
- Table S1.2 to include operating techniques documents from this variation application
- Table S1.3 to mark IC3 as complete and remove complete improvement conditions
- Table S2.1 to include the DAF plant raw materials specifications
- Table S3.1 to remove emission points A4 – A8 and amend emission point A3
- Table S3.2 to rename emission points E1 and E2 to S1 and S2, include reference to and monitoring requirements for the proposed Effluent Treatment Plant and associated discharge to sewer
- Table S4.1 to include reporting for emission points S1
- Table S4.3 to amend the unit for water usage from tonnes to m<sup>3</sup>
- Schedule 6 to include “disposal”
- Schedule 7 to include amended site plan

The following conditions are added as a result of the application made by the operator:

- Condition 3.5.4 requiring: 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 table S3.2 unless otherwise agreed in writing by the Environment Agency.

The following conditions are deleted as a result of the application made by the operator:

- Condition 3.3.2 as the site now has an approved Odour Management Plan

The following conditions are deleted following an Environment Agency initiated variation

- Condition 4.3.6 referring to the submission of a climate change agreement

The following conditions are added following an Environment Agency initiated variation

- Updated Reporting Forms

The following conditions have been varied following an Environment Agency initiated variation

- Condition 3.5.1 to remove reference to table S3.3 as this has been included in error
- Table S4.4 to include updated reporting forms

## Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/CP3049QY**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CP3049QY/V002 authorising,

**Anglo Beef Processors UK** (“the operator”),

whose registered office is

**Anglo Beef Processors  
Battlefield Road  
Shrewsbury  
Shropshire  
SY1 4AH**

company registration number 02925718

to operate an installation at

**ABP Kingswinford  
Oak Lane  
Kingswinford  
West Midlands  
DY6 7JS**

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

Name	Date
Anne Lloyd	17/12/2024

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 red on the site plan at schedule 7 to this permit.

### **2.3 Operating techniques**

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

### **2.4 Improvement programme**

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

## **3 Emissions and monitoring**

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



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

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

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

## **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

## **3.4 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 table 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 table 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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR3) A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31

January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

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

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

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

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

## 4.3 Notifications

4.3.1 In the event:

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

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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.

## **4.4 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 and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
AR1	Section 6.8 Part A(1)(b) Slaughtering animals at a plant with a carcass production capacity of more than 50 tonnes per day.	Slaughtering of sheep.	From receipt of sheep in lairage to storage of Animal By-Products, and then transfer to further processing.
AR2	Section 6.8 Part A(1)(d)(i) Treatment and processing, other than exclusively packaging, of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed (where the weight of the finished product excludes packaging) only animal raw materials (other than milk only) with a finished product production capacity greater than 75 tonnes per day	Treatment and processing of raw materials by cutting plant with capacity greater than 75 tonnes per day.	Post slaughter activities, including de-boning, to despatch of packaged product
AR3	5.4 A(1)(a)(ii) – physico-chemical treatment of non-hazardous waste for disposal (addition of wastewater treatment plant)	D9: Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12.	From Dissolved Air Flotation (DAF) plant using flocculants and coagulants to sludge removal and sludge dewatering. The (pre) treatment will comprise of screening, dissolved air flotation (DAF), sludge dewatering and flow control tank. Limited to the treatment of non-hazardous effluent produced on site only.
<b>Directly Associated Activity</b>			
AR4	Steam, hot water and electrical power supply	1 x 72kW electrical boiler 3 x 136.4kW natural gas boilers 1 x 5.5kW kerosene boilers 2 x 57.9kW natural gas boilers 1 x 450kW kerosene boiler	Receipt of fuels to emission of combustion gases
AR5	Refrigeration facilities	Refrigeration plant: 28 individual R404 refrigeration systems dedicated to specific areas of the site, outlined in application document Report Ref: P123-R01- F1 & Installation Information Addendum.	From receipt of carcasses and other goods to dispatch of finished goods from the permitted installation.

<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 and WFD Annex I and II operations</b>	<b>Limits of specified activity and waste types</b>
AR6	Tray washing facilities	Re-usable plastic trays are washed with hot water, detergents and rinse agents.	Washing of trays within the permitted installation Effluent will be discharged to sewer (and ultimately a sewage treatment works).
AR7	Vehicle washing	Washing of vehicles	Washing of vehicles within the permitted installation
AR8	Waste processing and handling	Processing and handling of waste	Production and storage of waste to dispatch from the permitted installation
AR9	Raw materials used in activity AR3	Processing and handling of raw materials	From storage and handling of chemicals and raw materials

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/PP3836WB/A001	Parts B2 and B3 of the application documents and all associated supporting information.	Duly Made 15/01/2015
Application EPR/PP3836WB/A001 Response to Schedule 5 Notice dated 09/03/2015	The response to Schedule 5 request for further information including; an updated draft odour management plan and further information about odour control measures and tank secondary containment.	24/03/2015
Application EPR/PP3836WB/A001 Response to Schedule 5 Notice dated 09/03/2015	Further response to Schedule 5 request for further information including carbon filter maintenance procedure.	Email received: 17/04/2015
Application EPR/PP3836WB/V002	Application forms Part C2 and C3 Application supporting documents including: <ul style="list-style-type: none"> <li>• Non-technical Summary</li> <li>• Installation information addendum</li> <li>• Site A &amp; B Environmental risk assessment</li> <li>• H1 Assessment – Suffolk House</li> <li>• Odour Management Plan (dated 10/2020)</li> <li>• Site condition report</li> </ul>	Duly Made 10/11/2020
Response to schedule 5 Notice dated 06/01/2021	Response to Schedule 5 notice: <ul style="list-style-type: none"> <li>• BAT GAP Assessment</li> </ul>	04/03/2021
Response to schedule 5 Notice dated 06/01/2021	Response to Schedule 5 notice: <ul style="list-style-type: none"> <li>• Noise management plan v6 (dated 2021)</li> </ul>	10/03/2021
Application EPR/CP3049QY/V002	Parts C2, C3 and C6 of the application documents and all associated supporting information	Duly Made 28/02/2024
Response to Schedule 5 Notice dated 07/06/2024	Emissions to water risk assessment H1 screen Revised BAT assessments	01/07/2024

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/PP3836WB/A001	Parts B2 and B3 of the application documents and all associated supporting information.	Duly Made 15/01/2015
Response to Schedule 5 Notice dated 22/08/2024	Emissions to air risk assessment H1 screen Missing sections of the BAT assessments Appropriate measures assessment	05/09/2024
Response to RFI email dated 16/10/2024	Estimated concentrations of chemicals in effluent	17/10/2024

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC4	<p>The operator shall submit a written report to the Environment Agency for technical assessment and written approval. The report must contain:</p> <ul style="list-style-type: none"> <li>The results from at least 3 months of sampling and monitoring of effluent discharges from the outfall of emission point S1 in the site plan as shown in Schedule 7 of this permit at a frequency of a minimum of one sample a month.</li> <li>Evidence that the sampling and monitoring has been undertaken in line with the Environment Agency guidance: <a href="https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit">https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit</a> and to standards outlined in Table S3.2.</li> <li>An updated H1 assessment and/or modelling results which take into consideration relevant environmental standards as specified in Environment Agency guidance 'Surface water pollution risk assessment for your environmental permit - GOV.UK (<a href="http://www.gov.uk">www.gov.uk</a>)'.</li> <li>A comparison of the conclusions of the updated H1 assessment and/or modelling results against the conclusions of the H1 assessment submitted in permit variation application EPR/CP3049QY/V002</li> <li>Where the results of the updated H1 assessment and/or modelling show that significant/adverse impact is likely from the emissions of any of the parameters, the operator shall cease further discharge of the site effluent to sewer and shall provide proposals and timescales on how to manage the effluent to ensure discharges have insignificant impact on receiving waters.</li> </ul> <p>The operator shall implement the proposals in the report in line with the timescales as agreed in writing with the Environment Agency.</p>	12 months from the date of completion of commissioning of the wastewater pre-treatment plant

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

<b>Table S2.1 Raw materials and fuels</b>	
<b>Raw materials and fuel description</b>	<b>Specification</b>
Ferric Chloride	Less than or equal to 1% Nickel dichloride content
Bootwash	Less than 5% EDTA content.

## 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 [Point A1 on site plan in Schedule 7]	Natural gas boiler stack	Products of combustion	No limit set	-	-	-
A2 [Point A2 on site plan in Schedule 7]	Pressure washer boiler stack burning kerosene	Products of combustion	No limit set	-	-	-
A3 [Point A3 on site plan in schedule 7]	Pressure washer boiler stack burning kerosene	Products of combustion	No limit set	-	-	-
A9 [Point A9 on site plan in schedule 7]	Vent from blood tank – carbon filter	Odour	No limit set	-	-	-
A10 [Point A10 on site plan in schedule 7]	Natural gas boiler stack	Products of combustion	No limit set	-	-	-
A11 [Point A11 on site plan in schedule 7]	Natural gas boiler stack	Products of combustion	No limit 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>
S1 (Point S1 on site plan in Schedule 7;	Process effluent discharge from the production	Iron (total)	No limit set	24-hour flow-proportional composite samples	<u>Weekly</u>	BS EN ISO 11885 or otherwise agreed in writing with the Environment Agency



Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
emission to Severn Trent Water Sewage Treatment Works) Discharge Consent No: 009330V	factory and ancillary production activities via Effluent Treatment Plant	Sulphate	No limit set			BS EN ISO 10304-1 or otherwise agreed in writing with the Environment Agency
		EDTA	No limit set			BS EN ISO 16588 or otherwise agreed in writing with the Environment Agency
		Nickel (total)	No limit set			BS EN ISO 11885 or otherwise agreed in writing with the Environment Agency
		Alcohol Ethoxylates, sulphate, sodium salts (CAS: 68891-38-3)	No limit set	-	Monthly	Calculated from chemical use and effluent flow
		Alcohols C12 – 16 (CAS 68855-56-1)	No limit set			
		Diethylene glycol n-butyl ether (2-(2-BUTOXYETHOXY)ETHANOL ) (CAS: 112-34-5)	No limit set			
		Gluconic Acid (CAS: 526-95-4)	No limit set			
		DICHLOROISOCYANURIC ACID SALTS (CAS: 2893-78-9)	No limit set			
		N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (CAS: 2372-82-9)	No limit set			
		SODIUM ALKYL ETHER SULPHATE (CAS 68891-38-3 – alcohols, C12-14, ethoxylated, sulphates, sodium salts)	No limit set			

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
		2-(2-BUTOXYETHOXY)ETHANOL (CAS 112-34-5)	No limit set			
		ALKYL DIMETHYL AMINE OXIDE (CAS 308062-28-4 )	No limit set			
		Alkanes, C16-20-iso (CAS 90622-59-6)	No limit set			
		Alcohols, C12-18, ethoxylated (EC 500-201-8)	No limit set			
S2 (Point S2 on site plan in Schedule 7; emission to Severn Trent Water Sewage Treatment Works) Discharge Consent No: 009331V	Process effluent discharge from the production factory and ancillary production activities via Effluent Treatment Plant	No parameters set	No limit set	-	-	-

## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Those listed under S1 of table S3.2 of this permit	S1	Every 6 months	1 January, 1 July

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Slaughter of sheep	Number of animals
Slaughter of sheep	Tonnes
Meat products produced	Tonnes of product

<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

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
Emissions to sewer	Form Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	23/10/2024
Water usage	Form Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	23/10/2024
Energy usage	Form Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	23/10/2024
Other performance parameters	Form Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	23/10/2024

# 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>	
To be notified within 24 hours of detection	
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>	
To be notified within 24 hours of detection	
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 the Waste Framework Directive.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

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

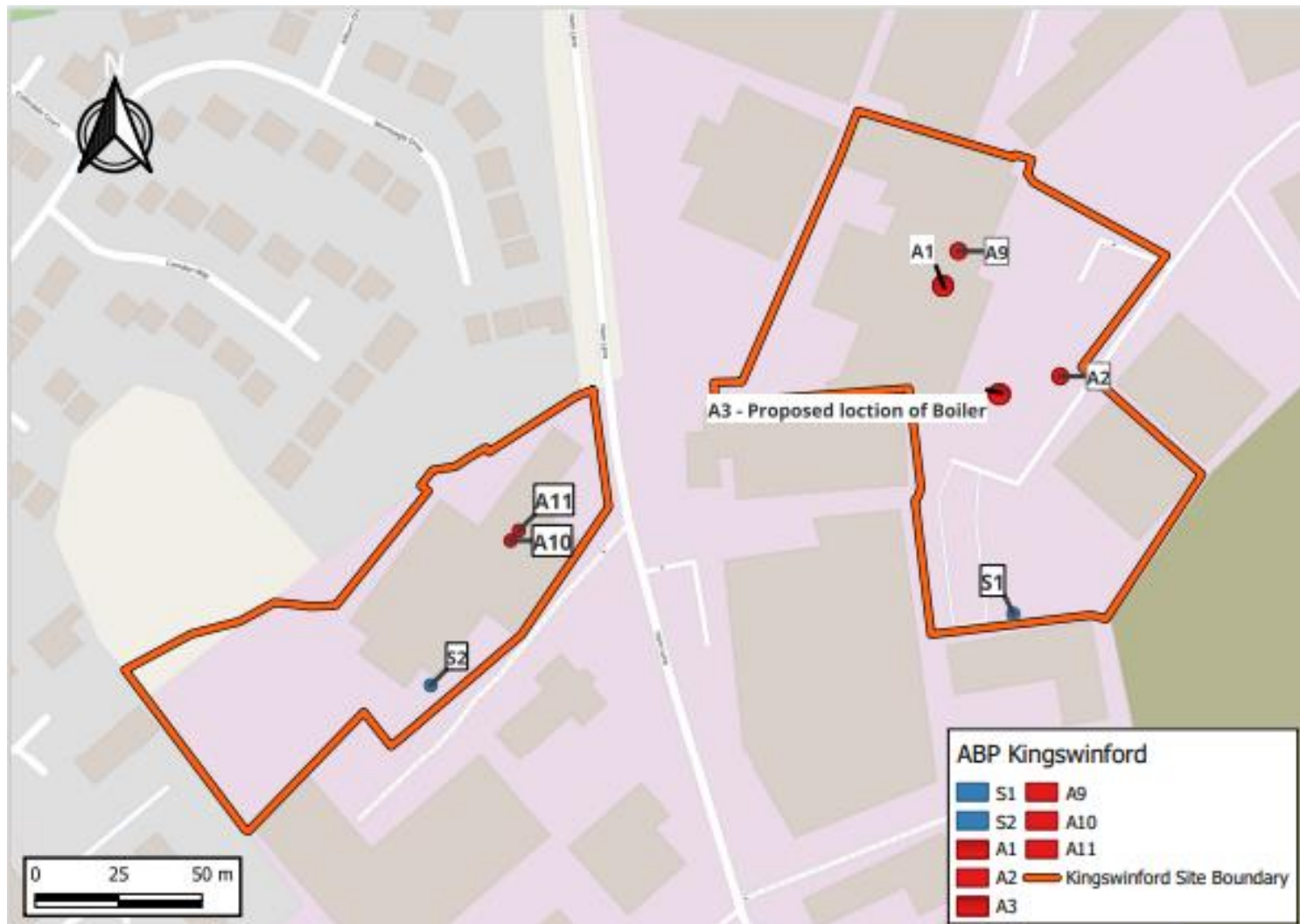
“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

“year” means calendar year ending 31 December.

## Schedule 7 – Site plan



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END OF PERMIT

Permit number  
EPR/CP3049QY/V002



# Reporting Forms

## Emissions to Sewer Reporting Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Emissions to Sewer Reporting Form: version 1, 08/03/2021

Reporting of emissions to sewer for the period from [DD/MM/YY] to [DD/MM/YY]

<b>Emission point</b>	<b>Substance / parameter</b>	<b>Emission Limit Value</b>	<b>Reference period</b>	<b>Test method <sup>1</sup></b>	<b>Result <sup>2</sup></b>	<b>Sample dates and times <sup>3</sup></b>	<b>Uncertainty <sup>4</sup></b>
<i>[e.g. S1]</i>	<i>[e.g. Total suspended solids]</i>	<i>[e.g. 30 mg/l]</i>	<i>[e.g. For 95% of all measured values of periodic samples taken over one month]</i>	<i>[e.g. BS EN 872:2005]</i>	<i>[State result]</i>	<i>[State relevant dates and time periods]</i>	<i>[State uncertainty if not 95% confidence interval]</i>

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method <sup>1</sup>	Result <sup>2</sup>	Sample dates and times <sup>3</sup>	Uncertainty <sup>4</sup>

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

<sup>1</sup> Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.

<sup>2</sup> Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.

<sup>3</sup> For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.

<sup>4</sup> Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

## Water Usage Reporting Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

Water source	Water usage (m <sup>3</sup> )	Specific water usage (m <sup>3</sup> /unit) <sup>2</sup>
Mains water	[insert annual usage in m <sup>3</sup> where mains water is used]	[insert annual usage in m <sup>3</sup> /unit where mains water is used]
Site borehole	[insert annual usage in m <sup>3</sup> where water is used from a site borehole]	[insert annual usage in m <sup>3</sup> /unit where water is used from a site borehole]
River abstraction	[insert annual usage in m <sup>3</sup> where abstracted river water is used]	[insert annual usage in m <sup>3</sup> /unit where abstracted river water is used]
Other – [specify other water source where applicable]. Add extra rows where needed]	[insert annual usage in m <sup>3</sup> where applicable]	[insert annual usage in m <sup>3</sup> /unit where applicable]
Total water usage	[insert total annual water usage in m <sup>3</sup> ]	[insert total annual water usage in m <sup>3</sup> /unit]

<b>Operator's comments</b>

<b>Operator's comments</b>

**Signed:**     *[Name]*

**Date:**       *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

## Energy Usage Reporting Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**Energy Usage Reporting Form: version 1, 08/03/2021**

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) <sup>2</sup>
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	<i>[insert annual consumption in MWh/unit where heat is imported]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>
Electricity exported	<i>[insert annual production in MWh where electricity is exported]</i>	Not applicable
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

<b>Operator's comments</b>

**Signed:**     *[Name]*

**Date:**       *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

<sup>1</sup> Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

<sup>2</sup> Divide energy consumption by an appropriate unit of raw material processed or product output.

# Other Performance Parameters Reporting Form

Permit number: [EPR/AB1234CB]

Operator: [A Company Name Limited]

Facility name: [Unit A, Anytown]

Other Performance Parameters Reporting Form: version 1, 08/03/2021

Reporting of other performance parameters for the period from [DD/MM/YY] to [DD/MM/YY]

Parameter	Units
<i>[e.g. Total raw material usage]</i>	<i>[e.g. tonnes per production unit]</i>

<b>Operator's comments</b>

**Signed:**     *[Name]*

**Date:**       *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report the performance parameters (other than water and energy) required by your permit. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.