

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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Dawn Meats (UK)

Dawn Cardington  
Meadow Lane  
Cardington  
Bedford  
Bedfordshire  
MK44 3SB

## **Variation application number**

EPR/BX2086IB/V003

## **Permit number**

EPR/BX2086IB

# Dawn Cardington

## Permit number EPR/BX2086IB

### 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.

The schedules specify the changes made to the permit.

Dawn Cardington is a slaughtering and post-slaughter processing plant located on the outskirts of Bedford town. The facility is located adjacent the A421 road and in close proximity to a municipal wastewater treatment plant, a business park and a recreational sports ground.

This variation authorises the following changes to the permit:

- The construction of a new stock production facility.
- The construction of a fat production facility
- The construction of and organic fertiliser production facility

These processes will be operated under the new activity 6.8 Part A (1) c “Disposing of or recycling animal carcasses or animal waste, other than by rendering in a small waste incineration plant, at a plant with a treatment capacity exceeding 10 tonnes per day of animal carcasses or animal waste or both in aggregate.”

The original non-technical summary of the site operations is updated and repeated below for clarity.

The installation is an abattoir and meat production site, handling approximately 60,000 head of cattle per annum. The applicant has operated the installation since 1997, although operations originally began at the site in 1973.

The site can be separated into two production areas consisting of a slaughter house and boning hall. The installation also includes storage of raw materials, finished product and waste, a Dissolved Air Flotation effluent treatment plant, gas boilers and an office block.

The installation releases surface water runoff to a ditch tributary of the Elstow Brook, adjacent to the installation.

Animals are delivered to the lairage and checked in for slaughter in the abattoir. Carcasses are processed in the abattoir, stored in chills and butchered in the boning area. After packing, palletising and storage in racking systems meat product is transferred and dispatched in chilled trailers. The installation also process some of the carcasses to form mincemeat, meat joints or steaks, which are individually packed, ready for distribution.

The installation is covered by a Climate Change Agreement.

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 EPR/BX2086IB/A001 received	Duly made 05/10/2004	Application received 20/08/2004
Additional information received	12/02/2005	
Additional information received	14/03/2005	
Permit determined EPR/BX2086IB	24/05/2005	
Application EPR/BX2086IB/V002	15/01/2009	Variation application
Application EPR/BX2086IB/V002	17/02/2009	Application withdrawn
Application EPR/BX2086IB/V003 (variation and consolidation)	Duly made 24/02/2017	Application to vary the permit to include new stock, fat and fertiliser production facilities and update the permit to modern conditions
Schedule 5 response	04/04/2017	Information regarding odour scrubbing
Schedule 5 response	31/07/2017	Revised odour management plan
Further information received	20/10/2017	Revised emission points plan
Variation determined EPR/BX2086IB [Billing Ref: VP3731RN]	23/10/2017	Varied permit issued.

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/BX2086IB

### Issued to

**Dawn Meats (UK)** (“the operator”)

whose registered office is

**Michael House  
Castle Street  
Exeter  
Devon  
EX4 3LQ**

company registration number 03382084

to operate a regulated facility at

**Dawn Cardington  
Meadow Lane  
Cardington  
Bedford  
Bedfordshire  
MK44 3SB**

to the extent set out in the schedules.

The notice shall take effect from 23/10/2017

Name	Date
<b>C G Morris</b>	<b>23/10/2017</b>

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

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

### Permit number

**EPR/BX2086IB**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BX2086IB/V003 authorising,

**Dawn Meats (UK)** (“the operator”),

whose registered office is

**Michael House**

**Castle Street**

**Exeter**

**Devon**

**EX4 3LQ**

company registration number 03382084

to operate an installation at

**Dawn Cardington**

**Meadow Lane**

**Cardington**

**Bedford**

**Bedfordshire**

**MK44 3SB**

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

Name	Date
<b>C G Morris</b>	<b>23/10/2017</b>

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

### 1.2 Energy efficiency

1.2.1 The operator shall:

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

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

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

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

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

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

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

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

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

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

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

### **2.4 Improvement programme**

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

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

## **3 Emissions and monitoring**

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

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.



- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

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

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

## **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.4 Noise and vibration**

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
  - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.5 Monitoring**

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
  - (b) process monitoring specified in table S3.4.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

## **3.6 Pests**

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
  - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

# **4 Information**

## **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
  - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
  - (c) the performance parameters set out in schedule 4 table S4.3
  - (d) 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</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.	The slaughter of cattle	Receipt of animals to production of carcasses
AR2	Section 6.8 Part A (1) c Disposing of or recycling animal carcasses or animal waste, other than by rendering in a small waste incineration plant, at a plant with a treatment capacity exceeding 10 tonnes per day of animal carcasses or animal waste or both in aggregate	The production of edible fat and stock, and organic fertiliser and soil improver	Receipt of carcass to production of finished product Storage of material in an enclosed building fitted with appropriate odour abatement [scrubber] and on an impermeable surface with sealed drainage system
AR3	Section 6.8 part A (1) d (i) Treating and processing materials intended for the production of food products from animal raw materials (other than milk) at a plant with a finished production capacity of more than 75 tonnes per day	Mincing and portioning of cattle and sheep carcasses	Receipt of carcass to dispatch of finished product
AR4	Section 5.4 A1(a)(ii) Disposal of non-hazardous waste in facility with a capacity of more than 50 tonnes per day by- physico-chemical treatment	The processing of liquid waste effluent from the processing activities at the installation D9 - Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment	Collection of liquid waste effluent to release to sewer and solid waste for offsite disposal
	<b>Directly Associated Activity</b>		
AR5	Storage and refrigeration of meat products	Storage and dispatch of finished meat products, utilising refrigeration where required	Receipt of finished meat product to dispatch
AR6	Waste storage and handling	Storage and handling of waste materials	Collection of waste to removal from the installation
AR7	Steam generation boilers	Operation of boilers for the generation of steam for use at the installation	From receipt of fuel to release of waste gases from chimney
AR8	Fertiliser and organic soil improver storage	Storage and dispatch of organic soil improver and fertiliser	From receipt of finished organic soil improver and fertiliser to dispatch

<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</b>
AR9	Edible stock and fat storage	Storage and dispatch of edible stock / fat	From receipt of finished edible stock and fat to dispatch

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/BX2086IB/A001	The response to questions 2.1 and 2.2 given in IPPC Application, sections 1 and 5	20/08/2004
Variation Application EPR/BX2086IB/V003	Parts C2 and C3 of the application documents and all supporting information	Duly Made 24/02/2017
Response to Schedule 5 Notice dated 21/03/2017	Response to Schedule 5 detailing odour control and emissions points	07/04/2017
Response to Schedule 5 Notice dated 17/07/2017	Response to Schedule 5 detailing odour control and scrubber mitigation.  Revised Odour Management Plan reference: <i>Dawn Cardington – A division of Dawn Meats. Odour Management Plan. July 2017</i>	31/07/2017
Further information received	Revised Emissions Points Plan reference: <i>Site Layout Plan – Edible &amp; Organic Fertiliser Areas B07/EARFI/002 – 19/10/2017</i>	20/10/2017

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IP1	The Operator shall review the potential for contamination of surface water run-off and suitable methods for preventing such contamination. A written report of this review, together with a firm timetable for the installation of such methods identified as being suitable, shall be presented to the Agency.	Completed
IP2	The operator shall review all the possible sources of odour from the installation and how these sources can be abated. The review shall detail all BAT requirements and a timetable for achieving BAT for all these sources. The review should refer as appropriate to the companies Odour Management Plan. The study shall have regard to Section 2.2.6 of Sector Technical Guidance Note S6.11 July 2003. Guidance for the preparation of an odour plan is given in the separate guidance Odour Assessment and Control - Guidance for Regulators and Industry. The operator shall submit a written report to the Agency, outlining the conclusions and resultant proposals of the review, The report shall include firm timetables for any required improvements identified by this review.	Completed
IP3	The Operator shall develop and implement an accounting system for documenting all refrigerants use at the installation, having regard to the Agency Guidance Note IPPC S6.11 Section 2.2.4, July 2003.	Completed
IP4	The operator shall review all the possible sources of noise from the installation and how these sources can be abated. The review shall detail all BAT requirements and a timetable for achieving BAT for all these sources. The review should refer as appropriate to the companies Noise Abatement Management Plan. The review shall have regard to Section 2.9 of Sector Technical Guidance Note S6.11 July 2003. The operator shall submit a written report to the Agency, outlining the conclusions and resultant proposals of the review.	Completed
IP5	The Operator shall undertake an assessment of all subsurface structures and their potential to cause fugitive emissions to ground water. The assessment will take into account the requirements of section 2.2.5 of the Agency Guidance Note IPPC S6.11, July 2003. A written report summarising the findings and proposals for undertaking any remediation shall be submitted to the Agency.	Completed
IP6	The Operator shall undertake an assessment of the surfacing and containment measures on site. The assessment will take into account the requirements of section 2.2.5 of the Agency Guidance Note IPPC S6.11, July 2003. A written report summarising the findings shall be submitted to the Agency.	Completed
IP7	The operator will provide to the Agency a report on minimising emissions to air both via specific emission points and fugitive releases, with specific emphasis on the fugitive releases of HCFC's/CFC's and CHFC's from the Refrigeration system. The assessment will take into account the requirements of section 2.2.1 and 2.2.4 of the Agency Sector Guidance Note IPPC S6.11 July 2003. The report shall include a time-scale for the implementation of the improvements identified.	Completed
IP8	The Operator shall review their written accident management plan with regard to the requirements set out in Section 2.8 of the Agency Guidance Note (IPPC S6.11, July 2003). Upon completion of the review the document shall be submitted to the Agency.	Completed
IP9	The Operator shall develop and implement a documented system of environmental management techniques, having regard to the Agency Guidance Note IPPC S6.11 Section 2.3, July 2003. The operator shall confirm in writing that this action has been completed.	Completed

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

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
–	–



## Schedule 3 – Emissions and monitoring

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A1 [Point A1 in application EPR/BX2086IB/A001]	Boiler 1 (hot water boiler)	Products of combustion	No limit set	–	–	–
A2 [in application EPR/BX2086IB/A001]	Boiler 2 (back up boiler)	Products of combustion	No limit set	–	–	–
A3 [in application EPR/BX2086IB/A001]	Boiler 3 (back up boiler)	Products of combustion	No limit set	–	–	–
A4 [Point EP4 on Proposed Organic Fertiliser Area plan, Drawing No: B07/EARFI/003 in application EPR/BX2086IB/V003]	Acidified Solution Storage Tank	No parameters set	No limit set	–	–	–
A5 [Point EP4 on Proposed Organic Fertiliser Area plan, Drawing No: B07/EARFI/003 in application EPR/BX2086IB/V003]	Sulphuric Acid Storage Tank	No parameters set	No limit set	–	–	–
A6 [Point EP4 on Proposed Organic Fertiliser Area plan, Drawing No: B07/EARFI/003 in application EPR/BX2086IB/V003]	Dryer	No parameters set	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>
W1 on Schedule 7 site plan emission to unnamed ditch adjacent to installation	Surface water run off	Mineral oil	None visible	Spot sample	Monthly	Visual

<b>Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site—emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 on Schedule 7 site plan emission to Anglian Water Sewage Treatment Works	Site effluent treatment plant	No parameter set	No limit set	–	–	–

<b>Table S3.4 Process monitoring requirements</b>				
<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
Scrubber system	Key process parameters to include pH, temperature and air flow	In accordance with manufacturer's recommendations	None specified	Scrubber system shall be regularly checked and maintained to ensure appropriate temperature and moisture content

## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
-	-	-	-

<b>Table S4.2 Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Quantity of cattle slaughtered	Tonnes of raw material
Number of cattle slaughtered	No. of animals

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Ammonia refrigerant losses	Annually	kg
R422D refrigerant losses	Annually	kg
R404A refrigerant losses	Annually	kg
R452A refrigerant losses	Annually	kg
R407A refrigerant losses	Annually	kg
Glycol refrigerant losses	Annually	kg
Potable water use	Quarterly	m <sup>3</sup> / t (of raw product)
Non potable water use	Quarterly	m <sup>3</sup> / t (of raw product)
Waste Hazard Score	Quarterly	
Waste Disposal Score	Quarterly	

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Waste Return	R1 or other form as agreed in writing by the Environment Agency	
Water Usage	WU1 or other form as agreed in writing by the Environment Agency	

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

## Part A

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

<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Measures taken, or intended to be taken, to stop the emission	

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

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

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

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

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“compliance based on mass balance calculation” means that for the purpose of demonstrating compliance or non-compliance with a specified limit the release shall be calculated. Annual mass releases for Mercury and Cadmium shall be calculated from the maximum potential concentration of the metals present as contamination multiplied by the volume of the chemicals used on site during the Year. An allowance may be deducted for any proportion of the chemicals used that can be demonstrated not to have reached the emission point. The concentration of Mercury and Cadmium shall be calculated from the annual mass release and the volume of effluent discharged during the year.

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

“Pests” means Birds, Vermin and Insects.

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

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

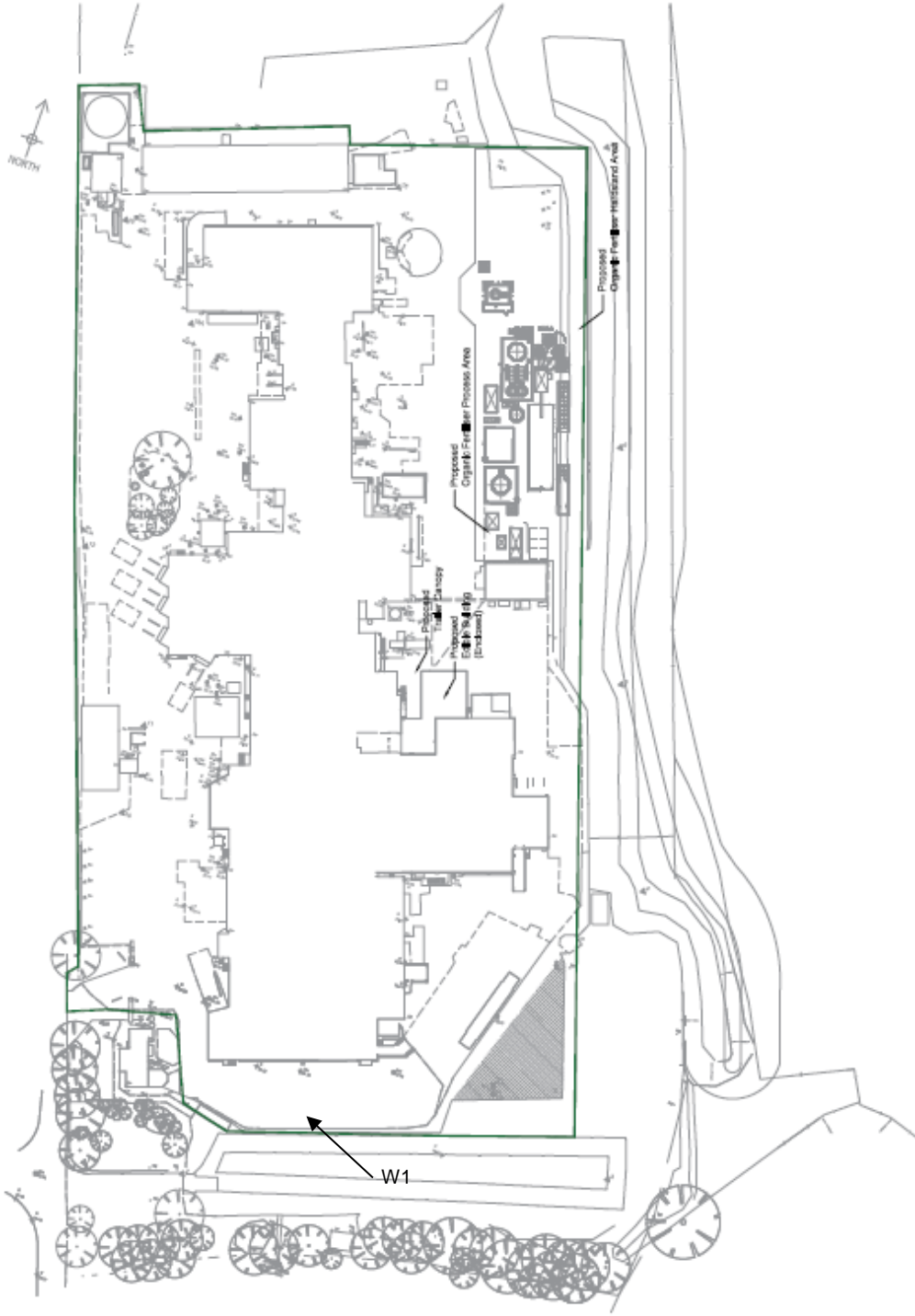
“year” means calendar year ending 31 December.

# Schedule 7 – Site plan

**NOTES:**

1. THE INFORMATION ON THIS PLAN IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.
2. THE INFORMATION ON THIS PLAN IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.
3. THE INFORMATION ON THIS PLAN IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.

IMPORTANT: IF THE INFORMATION ON THIS PLAN IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION, THE INFORMATION ON THIS PLAN IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.



No.	Date	Description	Drawn	Appr.



Project Name		Down Carving
Client		EA Application
Project No.		Site Boundary
Date	24/07/2017	Drawn By
Drawn	A. J. White	Appr. By

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END OF PERMIT

Permit number  
EPR/BX20861B