

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Sun Valley Foods Limited
Hereford Poultry Processing Facility
Grandstand Road
Hereford
Herefordshire
HR4 9PB

Variation application number

EPR/BV7494IG/V004

Permit number

EPR/BV7494IG

Hereford Poultry Processing Facility

Permit number EPR/BV7494IG

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2010 (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 variation is for the installation of a packed column wet scrubber system replacing the old Wanson Incinex Thermal Oxidiser. This will bring environmental improvements in terms of odour reduction and reduced gas consumption at the site.

The site is operated by Cargill Holdings, Sun Valley Foods Limited – Hereford and undertakes two main processes in two separate plants within the site. The site is located northwest of Hereford. The Grandstand Road plant is located in the east of the site and the Yazor Road plant to the west.

The Grandstand Road plant incorporates the slaughtering of approximately 1,500,000 chickens per week, and the evisceration, de-feathering, processing, cutting, packaging and storage of chickens. On arrival, birds are stunned using carbon dioxide, before being killed and bled. The chickens are then scalded and de-feathered and the feathers transferred to a collection trailer using recycled water. After evisceration the birds are refrigerated and either packed for retail or transferred to the Yazor Road plant for further processing including cooking and frying.

Category 3 by-products are stained and sent for disposal off site. Blood is stored on site before removal by a third party and either sterilized for land spreading or deep injected as a soil improver. Feathers are taken from site and rendered. Other animal by-products, from butchery and screenings from the effluent treatment plant (ETP), are pressure cooked in the rendering plant using steam supplied by the boiler plant, to produce oil and meal, which are transported off site as products. The water and water vapour arising from the rendering process are conveyed to a condenser, the air flow from the condenser is then further treated in an odour abatement system consisting of two bio-scrubbers and a bio-filter plant before being discharged to air.

The gases arising from the frying process at the Yazor Road plant will be passed through a packed wet scrubber system to modify and remove odours.

There is a single effluent treatment plant (ETP) within the installation. Effluent from the Yazor Road plant is directed to the Yazor Road effluent pit plant for some fat and oil separation before being pumped to Grandstand Road. Process effluent from the Grandstand Road factory is treated in the Grandstand Road ETP before final discharge to sewer from point S1.

There is a chemical hygiene unit within the Grandstand Road plant which supplies detergent and sanitised chemicals directly to the process areas.

The Widemarsh Brook is located directly outside the installation south-eastern boundary. Storm water collected on the site is directed via interceptor pits to Widemarsh Brook via 3 consented discharge points. Surface water from the Yazor Road plant dispatch building roof is directed to a series of soakaways and ultimately to ground.

The site sits within a designated Nitrate Vulnerable Zone. 0.5km to the east of the installation is an Air Quality Management Zone. Approximately 1.5 km from the installation are the River Wye SAC and SSSI.

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 received EPR/BV7494IG/A001	Duly made 27/08/04	Application for Poultry Processing Facility.
Additional information received	09/12/04	Request for further information on releases to water, air emissions, odour management and the management system.
Permit determined EPR/BV7494IG	07/03/05	Original permit issued to Sun Valley Foods Limited
Application received EPR/BV7494IG/V002 (variation)	Duly made 25/05/07	Application to vary the permit to update the emissions points to reflect the installation of a new caustic scrubber and to include emissions from refrigeration units which were not included in the original permit.
Additional information received	14/08/07	-
Variation determined EPR/BV7494IG	26/03/08	Varied permit issued.
Application received EPR/BV7494IG/V003 (variation)	Duly Made 06/06/13	Application to vary the permit to: include three boilers on site, update the operating techniques, removed emissions points S2 and W4 and update the site plan.
Additional information received	19/08/13	Revised emission point plan
Variation determined EPR/BV7494IG	23/08/13	Varied permit issued.
Variation application received EPR/BV7494IG/V004	Duly made 17/06/2015	Application to vary permit to install scrubber to replace thermal oxidiser.
Variation determined EPR/BV7494IG/V004 (Billing reference LP3833WE)	14/09/2015	Varied and consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/BV7494IG

Issued to

Sun Valley Foods Limited ("the operator")

whose registered office is

Grandstand Road

Hereford

Herefordshire

HR4 9PB

company registration number 00678294

to operate a regulated facility at

Hereford Poultry Processing Facility

Grandstand Road

Hereford

Herefordshire

HR4 9PB

to the extent set out in the schedules.

The notice shall take effect from 14/09/2015

Name	Date
Claire Roberts	14/09/2015

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 2010

Permit number

EPR/BV7494IG

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BV7494IG/V004 authorising,

Sun Valley Foods Limited ("the operator"),

whose registered office is

Grandstand Road

Hereford

Herefordshire

HR4 9PB

company registration number 00678294

to operate an installation at

Hereford Poultry Processing Facility

Grandstand Road

Hereford

Herefordshire

HR4 9PB

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

Name	Date
Claire Roberts	14/09/2015

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 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.
- 2.3.4 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) 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 3.3.1 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 S3.4 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,
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4 ; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

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

Table 1.1: activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 6.8 Part A(1)(b): Slaughtering animals at plant with a carcass production capacity greater than 50 tonnes per day.	Slaughtering, processing, cutting and packing of poultry	Receipt of live chicken to storage and despatch of raw poultry and associated wastes
Section 6.8 Part A(1)(d)(i): Treating and processing...only animal raw materials (other than milk only) with a finished product production capacity greater than 75 tonnes per day.	Cooking of poultry meat	Receipt of raw poultry to storage and despatch of finished product and associated wastes
Section 6.8 Part B(a) – Processing storing or drying by the application of heat the whole or part of any dead animal or any vegetable matter.	Animal by-product rendering	Receipt of animal by-products arising on site to storage and despatch of products and associated wastes
Section 5.4 A(1)(a)(ii) – Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment.	Effluent Treatment	Treatment of process effluent arising on site to storage and transfer off site
Directly Associated Activity		
Steam raising boiler plants	Three natural gas fired water tube boilers	From input of fuel into combustion plant to use of steam in process Light fuel oil can only be burned in the exceptional circumstance that there is an interruption in gas supply.

Table 2.1.1: Operating techniques		
Description	Parts	Date
Application received EPR/BV7494IG/A001	The response to questions B2.1.19-B2.1.23, B2.2.4-B2.2.6, B2.2.23- B2.2.35, B2.2.44-B2.2.60, B2.3.2-B2.3.6, B2.4.1- B2.4.20, B2.5.1-B2.4.4, B2.7.1-B2.7.9, and B2.10.29 of the application	28/07/04
Request for information	OP1 Rendering Plant process OP2 Rendering odour abatement operation OP3 Operation of the Wetbacks exhaust system on Live bird hanging OP4 Fryer Odour Abatement (Wanson Incinex) Operation Procedures and Parameters OP6 Grandstand Road Effluent plan Process OP7 Yazor Road further processing Effluent plant OP9 operation of water runoff interceptors	07/12/04
Request for information	Details of the routes of waste disposal	20/10/04
Request for information	Details of abatement equipment and emissions points and sources not listed as part of the application	08/12/04, 09/12/04
Application received EPR/BV7494IG/V002	The response to section C2.1 and C2.10 of the application.	13/04/07
Request for information dated 13/06/2007	Letter from operator detailing further control procedures for the chilling units.	04/07/07
Application received EPR/BV7494IG/V003	Responses to Part C3 section 3 of the application form and referenced supporting documentation.	18/02/13
Request for information	Revised emissions point plan	19/08/13
Application received EPR/BV7494IG/V004	Responses to Part C3 section 3 of the application form and referenced supporting documentation.	17/06/15

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC15	The odour management plan shall be updated in accordance with H4 Odour Management and submitted to the Environment Agency for approval. This improvement condition will be deemed to have been complied with, post approval by the Environment Agency of the submitted Odour Management Plan.	15/03/2015

Schedule 2 – Waste types, raw materials and fuels

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

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [See figure 3 submitted with application EPR/BV7494IG/V003]	Oven scrubber extraction point Yazor road	-	-	-	-	-
A2 [See figure 3 submitted with application EPR/BV7494IG/V003]	Rendering plant via bio-filter bed	-	-	-	-	-
A3 [See supporting documents submitted with application EPR/BV7494IG/V004]	Frying lines via chemical scrubber	-	-	-	-	-
A4 [See figure 3 submitted with application EPR/BV7494IG/V003]	Hot water raising boilers	-	-	-	-	-
A5 [See figure 3 submitted with application EPR/BV7494IG/V003]	Dry line dust extract via filter system Yazor road	-	-	-	-	-
A6 [See figure 3 submitted with application EPR/BV7494IG/V003]	Flue 1 & 2– Grandstand road steam raising boiler 1 & 2 (2 x 5MW)	-	-	-	-	-
A7 [See figure 3 submitted with application EPR/BV7494IG/V003]	Steam raising boiler 3 (2.5MW) Yazor road	-	-	-	-	-
A8 [See figure 3 submitted with application EPR/BV7494IG/V003]	Nitrogen chilling unit vent, Yazor road	-	-	-	-	-
A9 [See figure 3 submitted with application EPR/BV7494IG/V003]	Carbon Dioxide chilling unit, Yazor road	-	-	-	-	-
A10 [See figure 3 submitted with application EPR/BV7494IG/V003]	Nitrogen chilling unit vent, Granstand road	-	-	-	-	-

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 [See figure 3 submitted with application EPR/BV7494IG/V003]	Uncontaminated site water drainage via main interceptor to Widemarsh Brook	-	-	-	-	-
W2 [See figure 3 submitted with application EPR/BV7494IG/V003]	Uncontaminated water from yards at Granstand Road via interceptor to Widemarsh Brook	-	-	-	-	-
W3 [See figure 3 submitted with application EPR/BV7494IG/V003]	Uncontaminated water from Granstand Road car park via interceptor to Widemarsh Brook	-	-	-	-	-
WL [see receptors map, Jan05, Revised submitted in 04/02/05]	Surface water from Yazor Road plant to soakaway Yazor Road site	-	-	-	-	-

Table S3.3 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
S1 [See figure 3 submitted with application EPR/BV7494IG/V003]	Effluent Treatment Plant – Grandstand Road plant	-	-	-	-	-
S3 [See figure 3 submitted with application EPR/BV7494IG/V003]	Vehicle wash area - Grandstand Road plant	-	-	-	-	-
S4 [See figure 3 submitted with application EPR/BV7494IG/V003]	Vehicle wash area in Yazor Road plant	-	-	-	-	-

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
pH within the two bio-scrubbers	8.5-10.0	Continuously	-	Audible alarm to give an indication of pH dosing system failure
Gas temperature at the duct work as it enters the bio-scrubbers	<40°C	Continuously	-	Audible alarm to give an indication system failure
Wind direction	Wind	Continuously	-	Measure and record, direction and strength of wind from a representative location within the installation boundary to be agreed with the Agency in writing
Gas temperature at the inlet point to the Bio-filter	Ambient temperature °C ≤ T °C ≤ 35°C	Continuously	-	Audible alarm to give an indication system failure

Schedule 4 – Reporting

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

Table S4.1 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Waste disposal and/or recovery	Annually	tonnes

Table S4.2 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	01/01/2016
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	01/01/2016
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	01/01/2016

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	

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

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

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
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.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

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

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“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.

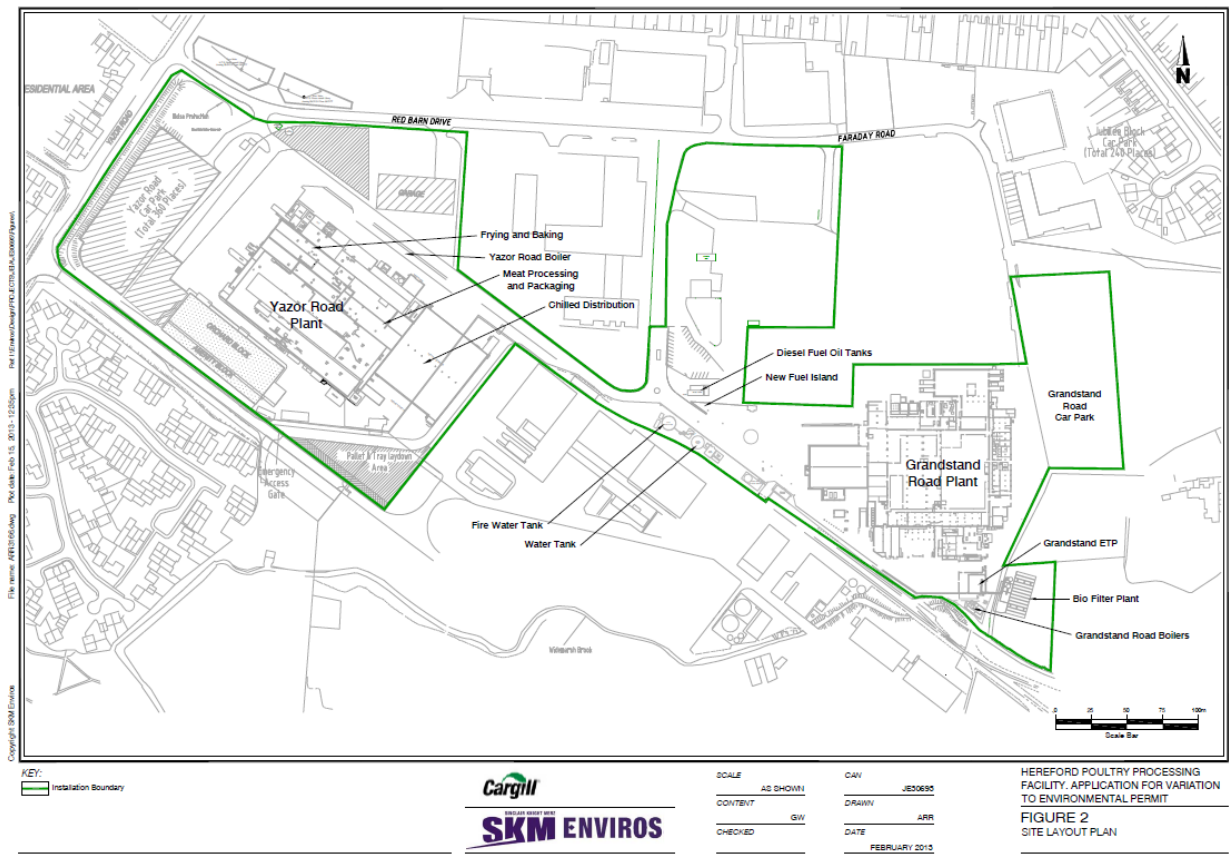
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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



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END OF PERMIT