



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Arla Foods Limited

Llandyrnog Creamery
Denbigh
Denbighshire
LL16 4HH

Permit number

EPR/BP3630NH

Llandyrnog Creamery

Permit number EPR/BP3630NH

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The installation is located approximately 200 metres from Llandyrnog, Denbighshire, bounded. The Operator produce cheese, whey, butter and whey concentrate from milk and is therefore regulated under Section 6.8 A(1)(e) of the PPC Regulations.

Production may be continuous, running for 24 hours a day, 365 days per year. The cheese processing begins as the milk progresses from the milk reception bay and milk silos through standardisation and pasteurisation into cheese production and then block forming. The main additional ingredients during this process are bacterial culture and salt. The cheese is then allowed to cool, palletised and stored for varying length of time depending upon maturity. Depending on customer needs, some of this production may mature for up to 18 months. Up to 100 tonnes daily is processed into a variety of cheese types, including Cheddar, Red Leicester and Double Gloucester.

Following clarification to remove cheese fines, the whey by-product from cheese manufacturing is separated to recover the fat. The resultant whey cream at 38% butterfat is then pasteurised, cooled and aged for 24 hours prior to being churned into whey butter and packaged. The separated whey is cooled and stored in a silo. The next process is to concentrate the whey using thermal falling film evaporators. This may be followed by reverse osmosis to further polish the condensate and allow reuse in the process. The concentrated syrup is then cooled and stored in a silo from where it is transferred to another site for conversion into a variety of powder products, use as animal feed or disposed of to landfill.

The only release to air is from the main steam raising boiler stack which emits combustion products produced from the burning of natural gas to raise steam. There are three boilers on site, with up to two boilers acting as duty and the other as standby at any one time. These boilers each have a thermal input capacity of 8.31 MW.

The site generates liquid wastes primarily from cleaning activities, which are discharged to public sewer and a Trade Effluent Discharge Consent is in place. In addition, there is a single point of discharge of uncontaminated rainwater run-off to the stream located on site, Nant Simon.

The installation abstracts incoming water from three onsite boreholes under one abstraction licence.

There is an Environmental Management System (EMS) in place which is certificated to the International Standard ISO 14001 and is audited externally by an external certification body.

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

Status log of the permit

Description	Date	Comments
Application WP3435SA	Duly made 17/03/05	
Additional information received	26/08/05	
Permit determined EPR/WP3435SA	01/11/05	Original permit issued to Dairy Farmers of Britain Limited.
Application EPR/VP3239KZ/T001 (full transfer of permit EPR/WP3435SA)	Duly made 18/06/09	Application to transfer the permit in full to Milk Link Limited.
Transfer determined EPR/VP3239KZ	01/07/09	Full transfer of permit complete.
Application EPR/EP3138FF/T001 (full transfer of permit EPR/VP3239KZ)	Duly made 29/06/11	Application to transfer the permit in full to The Cheese Company Limited.
Transfer determined EPR/EP3138FF	25/07/11	Full transfer of permit complete.
Application EPR/ EP3138FF/V002	Duly made 25/07/11	Application to incorporate deflection wall at the Raw Milk Storage Silo's.
Variation determined EPR/ EP3138FF/V002	24/08/11	Varied permit issued.
Application EPR/BP3630NH/T001 (full transfer of permit EPR/EP3138FF)	Duly Made 15/04/13	Application to transfer the permit in full to Arla Foods Limited.
Transfer determined EPR/BP3630NH	21/05/13	Full transfer of permit complete.
Application EPR/BP3630NH/V002 (variation)	Duly made 28/10/13	Application to vary the permit.
Variation determined EPR/BP3630NH	31/01/14	Varied permit issued.
Application EPR/BP3630NH/V003 (variation and consolidation)	Duly made 16/07/15	Application to vary the permit.
Variation determined EPR/BP3630NH/V003	03/11/15	Varied permit issued.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/BP3630NH

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BP3630NH/V003 authorising,


Arla Foods Limited (“the operator”),
whose registered office is

Arla House
4 Savannah Way
Leeds Valley Park
Leeds
LS10 1AB

company registration number **2143253**
to operate an installation at

Llandyrnog Creamery
Arla Foods
Denbigh
Denbighshire
LL16 4HH

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

Name	Date
	03 November 2015

Eirian Macdonald

Authorised on behalf of Natural Resources Wales

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 (a) 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 Natural Resources Wales.

- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales..

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

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 Natural Resources Wales.

- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales 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 Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1, S3.2 and S3.3.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard and annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

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

4.2.2 The operator shall, unless notice under this condition has been served within the preceding four years, submit to Natural Resources Wales, 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 (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately—
- (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

- (c) in the event 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), 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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) Natural Resources Wales 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 Natural Resources Wales 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, Natural Resources Wales 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 S1.1 activities

Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 6.8 A(1)(e): Treating and processing milk, the quantity of milk received being more than 200 tonnes per day (average value on an annual basis).	Production of chilled cheese products and whey products using ultra filtration and reverse osmosis.	Receipt of raw materials to despatch of finished product.
Directly Associated Activity		
Directly associated unlisted activity	Steam generation	From the three steam-raising boilers to supply of steam to the product processing lines. Each boiler with a thermal input capacity of 8.31MWh.
Directly associated unlisted activity	Refrigeration	Storage of finished cheese products and whey products prior to despatch.
Directly associated unlisted activity	Waste management	Bulk storage of process wastes.
Directly associated unlisted activity	Storage of effluent from the production process	Storage of effluent in two balancing tanks, via collection sump, effluent monitoring station and associated pipework.
Directly unlisted activity	Associated Dissolved air Flotation treatment plant	Treatment of on site effluent, prior to discharge to sewer
Directly unlisted activity	Associated Discharge of waste effluent	Discharge of waste effluent to sewer.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to questions 2.1, 2.2 and 2.10 given in pages 11-35 and 71-75 of the application	17/03/05
Additional Information	Additional information including response to questions 4-8 and 10	26/08/05
EPR 6.13	All	N/A
How to comply	All	N/A
Variation Application EPR/BP3630NH/V003	Responses to Part C3 section 3 of the application form and referenced supporting documentation.	15 June 2015

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
1	The Operator shall undertake an assessment of the surfacing and containment measures on site. This shall include, but not be limited to, milk silos, whey concentrate silos, liquid whey and salty whey silos, the nitric acid and caustic storage and adjacent pH buffer tank, subsurface structures, softstanding areas (adjacent to whey tanks), surfacing in the roadway to milk reception, surfacing in roadway adjacent to whey concentrate and whey butter storage silos; and the roadways around the garage facility and vehicle wash. The Operator shall submit a summary report of the survey and compare findings against indicative BAT requirements provided in sector guidance note S6.13. Where improvements can be made, and the option is considered BAT for future use, provide an implementation plan with a timescale to be agreed with the Agency.	Completed
2	The Operator shall identify the potential sources of the odour within the subsurface adjacent to the Milk reception and options available to eliminate or reduce the odour. The Operator shall submit a summary report of the survey and compare findings against indicative BAT requirements provided in sector guidance note S6.13. The Operator shall provide an implementation plan with a timescale to be agreed with the Agency of improvements to be made.	Completed
3	The Operator shall carry out an assessment of the disposal options for de-sludge waste from the separators in line with the BAT requirements detailed in section 2.6 of sector guidance note S6.13. The Operator shall provide the Agency with a summary of options, and where an option is considered BAT for future use, provide an implementation plan with proposed timescale to be agreed with the Agency.	Completed
4	The Operator shall develop a written Site Closure Plan with regard to the requirements set out in Section 2.11 of the Agency Guidance Note IPPC S6.10, October 2003. Upon completion of the plan a summary of the document shall be submitted to the Agency in writing.	Completed
5	-	-
6	The Operator shall develop a procedure to monitor the water quality of the Nant Simon downstream of the site. The Operator shall submit a written copy of the procedure for approval by the Agency.	Completed
7	The Operator shall install the proposed deflection wall as detailed in the document ' <i>REC Report No: 60010p1r1 issued: June 2011</i> .' The Operator shall inform the Agency, for approval, on the completion of improvement condition 7.	Completed
8	As a result of improvement condition 7 the Operator shall update and submit to the Agency for approval documents WI Env 15 and WI16 Env controlled under the sites environmental management system and update the Site Condition Report.	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

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 as shown on the site plan in schedule 7.	No parameters set	Combustion Boiler stack	No limit set	N/A	N/A	N/A

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 Outlet leading to Nant Simon as shown on the site plan in schedule 7.	No parameters set	Storm-water drainage	No limit set	N/A	N/A	N/A

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	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 Discharge to public sewer as shown on the site plan in schedule 7.	No parameters set	Process effluent	No limit set	N/A	N/A	N/A
S2 Discharge to public sewer as shown on the site plan in schedule 7.	No parameters set	Site effluent treatment plant	No limit set	N/A	N/A	N/A

Table S3.8 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
S1	Total effluent flow	Continuous	Continuous flow meter	
S2	Total effluent flow	Continuous	Continuous flow meter	
S1	Chemical Oxygen Demand (mg/m ³)	Daily composite sample	Method to be agreed with Natural Resources Wales	
S2	Chemical Oxygen Demand (mg/m ³)	Daily composite sample	Method to be agreed with Natural Resources Wales	

Schedule 4 - Reporting

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

Table S4.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Effluent Flow	S1	Annual	01/01/16
Effluent Flow	S2	Annual	01/01/16
Chemical Oxygen Demand	S1	Annual	01/01/16
Chemical Oxygen Demand	S2	Annual	01/01/16

Table S4.2 Annual production/treatment

Parameter	Units
Total production of cheese	tonnes

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Chemical Oxygen Demand	Annually	CODkg/tonne
Water use per unit output	Annually	M ³ /tonne
Energy used per unit of output	Annually	Kw/tonne

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	01/10/15
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	01/10/15
Total raw materials used	Form performance 1 or other form as agreed in writing by Natural Resources Wales	01/10/15
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	01/10/15

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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified immediately	
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 permit condition	
To be notified immediately	
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	

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

(c) In the event 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:	
To be notified immediately	
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

“authorised officer” means any person authorised by Natural Resources Wales 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.

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

“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.

“COD” chemical oxygen demand

“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 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.

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

“year” means calendar year ending 31 December.

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

