Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Dairy Crest Limited

Davidstow Creamery
Camelford
Cornwall
PL32 9XW

Variation application number

EPR/BN6137IK/V013

Permit number

EPR/BN6137IK

Davidstow Creamery
Permit number EPR/BN6137IK

Introductory note

This introductory note does not form a part of the notice

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

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

Changes introduced by this variation made by the Environment Agency (V010)

Permit variation (V010) was initiated by the Environment Agency due to concerns about the effects of treated effluent on the River Inny. This Environment Agency variation reviewed the existing monitoring requirements and emission limit values (ELVs).

Changes introduced by this variation made by the operator (V011)

The permit has been varied by the Operator under variation (V011) to introduce the following changes at the site:

- 4-hour clean-in-place (CIP);
- Milk protein standardisation;
- Milk fat standardisation;
- Whey protein concentration;
- Cheese capacity growth phase 3.

The effect of the above-mentioned improvements will maximise process efficiencies and the utilisation of milk at the site, which will lead to an increase in cheese production from 9.6 tonnes/hour to 11.4 tonnes/hour.

Additionally, the Operator has applied for permission to make changes and improvements at the water processing facility (WPF). The main changes include:

- A new contingency lagoon with extraction to an odour control unit (OCU).
- Two new dissolved air flotation (DAF) units.
- Covering and extraction of balance tank 1 and the divert tank to a new OCU.
- Extension of the site boundary at the WPF to accommodate a new raw material store.
- New aeration pumps for Balance Tank 2.
- Installation of acoustic fencing at the WPF and noise monitoring equipment.
- Installation of a perimeter containment wall to the downgradient portion of the WPF.
- Upgraded outfall pipework from the WPF to the River Inny
- Installation of a third reverse osmosis (RO) plant.
- Installation of a fourth membrane bioreactor (MBR) loop.
- Installation of an ultrafiltration (UF) / RO flow attenuation tank.
- Enclosure of sludge centrifuges and trailer at the WPF.

Changes introduced by this variation notice/statutory review (V012)

A full review against the best available techniques (BAT) conclusions for the Food, Drink and Milk Industries published on 4th December 2019 in the official journal of the European Union.

We implemented the requirements of the Medium Combustion Plant directive.

Changes introduced by this variation made by the operator (V013)

This permit has been varied to derate the biomass boilers and upgrade the kerosene boiler burners.

The schedules specify the changes made to the permit.

The original introductory note is repeated and updated below for clarity:

The site produces approximately 100,000 tonnes of dairy products per year, including cheese, cream, and whey products.

Milk is received at the site via road tankers and pumped into insulated storage silos. The site has the capacity to receive 2.5 million litres of milk per day. The milk is then transferred from the silos to the process area, where it is pasteurised using regeneration plate heat exchangers. The pasteurised milk is subsequently pumped to vats for the manufacture of cheddar cheese.

The cheese manufacturing process involves the addition of bacterial starter organisms and rennet to the pasteurised milk. This develops acidity, coagulates the milk, and separates it into curds and whey. The curds are physically separated from the whey and processed into cheese.

The whey is stored in silos for further processing. Any fat remaining in the whey is separated to produce whey cream, which is then pasteurised and stored in cream ageing tanks. Whey from the cheese manufacturing process is also converted to Whey Protein Concentrate.

The separated whey is concentrated by removing water in evaporators. The whey concentrate is crystallised and dried, and the resulting whey powder is stored in silos before being packed into bulk bags.

Process effluent arising from onsite activities is treated at the onsite effluent treatment plant, known as the Water Processing Facility (WPF), prior to discharge to the River Inny. The WPF is located approximately 1 km east of the main Creamery building and is connected by pipeline. Discharge from the WPF enters the River Inny at a point 1.8 km east of the facility. Stormwater passes through oil interceptors and then into an attenuation pond before discharge to the River Inny.

The installation has three boilers (A1, A2, and A7), which operate on gas oil (kerosene). Boiler 1 has a thermal input of 11.5 MWth, while Boilers 2 and 3 each have a thermal input of 10.5 MWth. In addition, the installation operates two biomass boilers, each with a thermal input of 4.9 MWth. Other emissions to air include the spray drier (A3), which is abated by a bag filter.

The installation is situated in a predominantly rural area where the main land use is agricultural. The main Creamery building is centred on NGR SX1378 186521, and the WPF is centred on NGR SX148478 6549. The nearest villages to the installation are Trewassa, Davidstow, and Tremail, all of which lie to the east of the site and WPF. In addition to these villages, there are a number of isolated dwellings. Camelford is the largest nearby town, located approximately 4 km southwest of the installation.

The following Special Areas of Conservation (SACs), River Camel, Crowdy Marsh, Tintagel-Marsland-Clovelly Coast, and Bristol Channel Approaches (also designated as SAC - Wales), are within the 10 km screening distance. In addition, the site is within the 2 km screening distance of two Sites of Special Scientific Interest (SSSIs): the River Camel and Tributaries, and Bodmin Moor North, as well as a Local Wildlife Site (LWS), North Bodmin Moor. The site is not hydraulically connected to these named habitat sites; however, it is hydraulically connected to the Dartmoor SAC via the River Inny, which serves as a migratory route for Atlantic Salmon.

A Habitats Risk Assessment has been completed to assess any potential impacts from the variations.

The operator has a certified ISO 14001 Environmental Management System and has a Climate Change Levy Agreement.

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 BN6137IK	Duly made 03/03/2005	Application received for an installation for the treatment and processing of milk
Submission of supplementary information	01/05/2005	
Response to request for information	28/07/2005	Response received 05/08/2005
Response to request for information	03/08/2005	Response received 09/08/2005
Permit determined BN6137IK	06/06/2006	Permit issued
Agency initiated variation UP3439MA determined	22/08/2006	
Application WP3135XW	Duly made 16/01/2008	
Variation issued	13/02/2008	Varied permit issued
Application EPR/BN6137IK/V004	Duly made 20/01/2010	
Additional information received	25/06/2010	Response received 01/07/2010
Additional information received	16/07/2010	Response received 19/07/2010
Additional information received	19/07/2010	Response received 22/07/2010
Variation issued	16/08/2010	Varied permit issued
Agency initiated variation EPR/BN6137IK/V005	01/07/2011	Variation to introduce new phosphate limit and particulate matter limit
Variation determined EPR/BN6137IK/V005	25/08/2011	Varied permit issued
Agency variation determined EPR/BN6137IK/V006	10/02/2014	Agency variation to implement the changes introduced by IED
Application EPR/BN6137IK/V007 (variation and consolidation)	Duly made 03/06/2014	Application to vary and update the permit to modern conditions
Variation determined EPR/BN6137IK/V007	28/08/2014	Varied and consolidated permit issued in modern condition format
Notified of change of Registered office address	13/06/2019	Registered Office address changed to 5 The Heights, Brooklands, Weybridge, Surrey, KT13 0NY
Variation issued EPR/BN6137IK/V008	04/07/2019	Varied permit issued to Dairy Crest Limited
Agency initiated variation determined EPR/BN6137IK/V009	10/11/2020	Environment Agency initiated variation to include additional monitoring requirements for the treated effluent at emission point W2 into the River Inny
Agency initiated variation and consolidation EPR/BN6137IK/V010	--	Environment Agency initiated variation to revise the parameters and monitoring requirements for the treated effluent at emission point W2 into the River Inny
Additional information received	11/11/25	Effluent quality information
EPR/BN6137IK/V010	-	Issued within EPR/BN6137/V013
Application EPR/BN6137IK/V011	Duly made 13/04/2023	Application to vary and update the permit to modern conditions

(variation and consolidation)		
Response to Schedule 5 (EPR/BN6137IK/V011) Notice dated 01/08/2023	04/09/2023	Response including • Noise assessment data (summary of changes to the site, survey measurement data, weather data, source level data, operational hours and modelling assumptions). • Missing documents from the consultation • Further information submitted to clarify the response to BATc's 4, 6, 8, 9 and 11.
Additional information received	23/03/2024	Updated Odour Management Plan
Additional information received	07/08/2025	Updated Noise impact assessment
Additional information received	11/11/2025	Effluent emissions data
Additional information received	24/12/2025	Noise Management Plan
Additional information received	11/03/2026	Effluent emissions data (extended period)
Additional information received	18/03/2026	Updated ETP and chemical storage plan photo
EPR/BN6137IK/V011	-	Issued within EPR/BN6137/V013
Application EPR/BN6137IK/V012 (variation and consolidation) Regulation 61 Notice response received	22/07/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review
EPR/BN6137IK/V012	-	Issued within EPR/BN6137/V013
Application EPR/BN6137IK/V013 (variation and consolidation)	Duly Made 31/10/2024	Application to derate medium combustion plant
Additional information received	31/10/24	Form part C2.5 to add or vary an MCP
Variation determined and consolidation issued EPR/BN6137IK	05/06/2026	Varied and consolidated 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/BN6137IK

Issued to

Dairy Crest Limited (“the operator”)

whose registered office is

5 The Heights
Brooklands
Weybridge
Surrey
KT13 0NY

company registration number 02085882

to operate a regulated facility at

Davidstow Creamery
Camelford
Cornwall
PL32 9XW

to the extent set out in the schedules.

The notice shall take effect from 05/06/2026.

Name	Date
Principal Permitting Team Leader	**05/06/2026**

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BN6137IK

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BN6137IK/V012 authorising,

Dairy Crest Limited (“the operator”),

whose registered office is

5 The Heights
Brooklands
Weybridge
Surrey
KT13 0NY

company registration number 02085882

to operate an installation at

Davidstow Creamery
Camelford
Cornwall
PL32 9XW

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

Name	Date
Principal Permitting Team Leader	**05/06/2026**

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").

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

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 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table S2.2; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.5 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.

2.3.6 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.

2.3.7 For MCPs specified in Schedule 1 Table S1.1:

(a) the operator must keep periods of start-up and shut down of the combustion plant as short as possible.

(b) there shall be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993.

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.

2.5 Pre-operational conditions

2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

2.6 Emissions to water, air or land

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

2.6.2 The limits given in schedule 3 shall not be exceeded.

2.6.3 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.

2.7 Emissions of substances not controlled by emission limits

2.7.1 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.

2.7.2 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.

2.7.3 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.

2.8 Odour

2.8.1 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.

2.9 Noise and vibration

2.9.1 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.

2.9.2 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.

2.10 Monitoring

2.10.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) point source emissions specified in tables S3.1 and S3.2.

2.10.2 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.

2.10.3 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.

2.10.4 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.

2.11 Pests

2.11.1 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.

2.11.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3 Information

3.1 Records

3.1.1 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.

3.1.2 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.

3.1.3 The operator shall maintain a record of the type and quantity of fuel used and the total annual operating hours for each MCP

3.2 Reporting

3.2.1 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.

3.2.2 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.

3.2.3 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.

3.2.4 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.

3.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter, if during that quarter the total amount accepted exceeds 100 tonnes of non-hazardous waste or 10 tonnes of hazardous waste.

3.3 Notifications

3.3.1 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.

3.3.2 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.

3.3.3 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.

3.3.4 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.

3.3.5 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.

3.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

3.3.7 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.

3.4 Interpretation

3.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

3.4.2 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 reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR1	Section 6.8 Part A1 (e)	Treating and processing milk with the quantity of milk received being more than 200 tonnes per day (average value on annual basis).	From receipt of raw milk delivered to the site to the processing of raw whole milk and production of cheese, whey powder and whey butter to the dispatch of final products. Excluding the production of demineralised whey. Treatment capacity of raw milk is limited to 2.5 million litres per day, equivalent to 2,580 tonnes (average value on an annual basis). <u>Prior to the approval of PO1</u> Production of cheese is limited to 9.6 tonnes per hour. <u>On approval of PO1</u> Production capacity of cheese is limited to 274 tonnes per day based on a production rate of 11.4 tonnes/hour.
AR2	Section 5.4 Part A1 (a)(ii)	Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by physico-chemical treatment.	Treatment of trade effluent within the onsite effluent treatment plant, from generation of effluents from the main creamery building to the biological treatment processes (AR4) prior to discharge to River Inny. Water Processing Facility - the treatment of waste process waters using the following techniques; physical screening, neutralisation & equalisation prior to treatment via biological processes (AR3).
AR3	Section 5.4 Part A1 (a)(i)	Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by biological treatment.	Treatment of trade effluent within the onsite effluent treatment plant, from generation of effluents to discharge to River Inny. Water Processing Facility – further treatment of waste process waters using the

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
			following techniques; aerobic treatment through activated sludge, phosphate recovery, enhanced biological phosphorus removal, coagulation and flocculation via 3 dissolved air flotation (DAF) units, sedimentation and filtration.
AR4	Section 5.1 Part B (a) (v) (SWIP) and 25A (MCP)	Existing MCP Boiler 4: 4.9 MWth Boiler 5: 4.9 MWth (Production of steam)	From receipt of fuel to release of products of combustion to air. Boilers fired on waste wood and biomass. Waste wood and non-waste biomass fuels are not mixed.
Directly Associated Activity			
AR5	Schedule 25A Medium Combustion Plant	Existing MCP Boiler 1: 11.5 MWth Boiler 2: 10.5 MWth Boiler 3: 10.5 MWth (Production of steam)	From receipt of fuel to release of products of combustion to air. Boilers fired on Kerosene.
AR6	Raw material storage and handling	Storage and handling of raw materials at the installation.	From receipt of raw materials to dispatch of final product.
AR7	Use of refrigerants	Use of refrigerants in cooling, chilling and/or freezing systems at the installation.	From receipt of raw materials to dispatch of final product.
AR8	Storage and use of chemicals and oils	Storage and use of chemicals and oils at the installation.	From receipt of chemicals and oils to disposal of wastes arising.
AR9	Waste storage and handling	Storage and handling of waste materials.	From generation of waste to storage pending removal for disposal or recovery.
AR10	Water recovery	Recovery of water from the water processing facility.	Recovery of water using UF and RO techniques and the disposal of generated retentate.
AR11	Surface water drainage	Collection of uncontaminated site surface waters.	Handling and storage of site drainage until discharge to the River Inny.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1.13-14, 2.2.5-6, 2.2.15, 2.2.24, 2.2.46-49, 2.2.52-57, 2.10.1-5 and 2.10.7-8 of the application	03/03/2005
Application	The response to Part C of the application form, Appendix 2 (specific questions for the combustion sector), Table 1	Duly made 20/01/2010
Response to Schedule 5 Notice dated 16/07/10	The response to: • Question 2 detailing how the boilers will be operated • Questions 7 detailing abatement equipment	19/07/2010
Additional information	Site Plan, as submitted by email.	22/07/2010
Application EPR/BN6137IK/V007	Parts C2 and C3 of the application documents and all associated documents	25/04/2014
Application EPR/BN6137IK/V007	Response to not duly made letter; risk assessment, effluent site plan and answers to questions including noise levels of proposed triton blowers	28/05/2014
Application EPR/BN6137IK/V007	Updated site plan showing the revised installation boundary including effluent pipework. Submitted by email	27/08/2014
Application EPR/BN6137IK/V011	Application Forms Parts C2 and C3 The following sections of the application supporting information: • Supporting Report (Davidstow Environmental Permit variation Application) • Site Condition Report • Environmental Risk Assessment • BAT Options Appraisal • Aquatic Habitat Assessment	Duly made 13/04/2023
Regulation 61 (1) Notice EPR/BN6137IK/V012– Responses to questions dated 24/03/2022	All parts	Received 22/07/2022
Response to Schedule 5 Notice dated 01/08/2023 (EPR/BN6137IK/V011)	Response to the following points: • Missing consultation documents • Bref Review questions	Received 04/09/2023
	Odour Management Plan	28/03/2024
Regulation 61(1) Notice – request for further information dated 01/08/2023, 14/03/2024 & 08/05/2024	Further information provided in relation to BATc 4, 6, 8, 9, 11. In addition to the submission of Relative Substances Assessment, on site containment and details on the production capacity	04/09/2023 11/04/2024 16/05/2024
Application EPR/BN6137IK/V013	• Application form C2.5 • Supporting Information: The Medium Combustion Plant Directive (MCPD): Derating of Existing Biomass Boilers	Duly made 31/10/2024

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC12	**PM10 & PM2.5** The operator shall submit a written report to the Environment Agency for assessment and written approval. The report shall include, but should not be limited to, the following: • Results of emissions monitoring from the spray drier (A3) • Identification of the fractions of PM_{10} and $PM_{2.5}$ • Evidence the monitoring is MCERTS accredited • Evidence the monitoring has been carried out under representative monitoring conditions The operator shall implement any proposals in the report in line with timescales agreed with the Environment Agency.	24 months from date of issue of Variation BN1371IK/V013
IC13	**Relative Hazardous Risk Assessment** The operator shall submit a written report to the Environment Agency for assessment and written approval. The report should be carried out in accordance with, EC Commission Guidance 2014/C 136/-3 The report shall include, but should not be limited to, the following: • A stage 3 relative hazardous risk assessment • A plan for soil and ground water monitoring, for substances that have not been screened in the Stage 3 assessment The operator shall implement the plan in line with timescales agreed with the Environment Agency	12 months from date of issue of Variation BN1371IK/V013
IC14	**Containment** The Operator shall undertake a survey of the primary, secondary and tertiary containment at the site (including the WPF and associated storage areas) and review measures against relevant standards including: • CIRIA Containment systems for the prevention of pollution (C736) – Secondary, tertiary and other measures for industrial and commercial premises, • EEMUA 159 - Above ground flat bottomed storage tanks The operator shall submit a written report, summarising the survey, to the Environment Agency for assessment and written approval. The report shall include, but should not be limited to, the following: • Current containment measures	12 months from date of issue of Variation BN1371IK/V013

	• Any deficiencies identified in comparison to relevant standards, • Improvements proposed • Time scale for implementation of improvements. The operator shall implement any proposals in the report in line with timescales agreed with the Environment Agency	

Table S1.4 Pre-operational measures	
Reference	**Pre-operational measure**

PO1	**Cheese production capacity increase**
	
	Prior to the increase in cheese production, the operator shall submit a written report to the Environment Agency for assessment and written approval.
	
	The report shall include:
	
	• A review of existing monitoring and control arrangements for influent, process and final effluent, together with proposals to improve these arrangements where necessary, including:
	  o monitoring of influent and process effluent to detect changes in load, composition and treatment performance
	  o process indicators to detect abnormal operation, including risk of overflow or effluent escape
	• Proposals for near real time monitoring of final effluent, capable of providing early warning of deterioration in treatment performance and potential emission limit breaches, not limited to COD, BOD (or an appropriate BOD equivalent method), suspended solids and conductivity, or justification for their omission
	• Documented procedures for investigation, root cause analysis and implementation of corrective actions, not limited to containment or diversion of off-spec effluent, and shutdown where necessary
	• Arrangements for recording and logging of:
	  o alarms and trigger events
	  o monitoring and process control data
	  o actions taken
	• An implementation programme for the proposals, including timescales for full implementation
	
	The operator shall implement any proposals in the report in line with timescales agreed with the Environment Agency.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
Processed Fuel Oil (PFO) compliant with the Quality Protocol developed by the Environment Agency and WRAP	Less than 0.1% or 0.1% w/w sulphur content for Heavy Fuel Oil or Gas Oil substitutes respectively.
Kerosene	Less than 0.1% w/w sulphur content
Biomass fuel	Biomass as defined in Article 3(18(v)) of the EU directive 2015/2193 on the limitation of certain pollutants into the air from medium combustion plants

Table S2.2: Permitted waste types and quantities for burning in biomass boilers	
Maximum quantity	**18,000 tonnes per annum**
Waste code	Description
03	**WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
15	**WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 03	wooden packaging

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
A1 [Point A1 on site plan in Schedule 7]	Boiler 1: 11.5 MWth gas oil (kerosene) boiler (New MCP)	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	200 mg/Nm^3	Average over sampling period	Every 3 years	EN 14792
		Carbon monoxide	No limit	Average over sampling period	Every 3 years	EN 15058
A2 [Point A2 on site plan in Schedule 7]	Boiler 2: 10.5 MWth gas oil (kerosene) boiler (New MCP)	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	200 mg/Nm^3	Average over sampling period	Every 3 years	EN 14792
		Carbon monoxide	No limit	Average over sampling period	Every 3 years	EN 15058
A3 [Point A3 on site plan in Schedule 7]	Spray Drier for drying of concentrated whey powder including demineralised whey via bag filter	Dust	10 mg/Nm^3	Average over sampling period	Annually	EN 13284-1
A7 [Point A7 on site plan in Schedule 7]	Boiler 3: 10.5 MWth gas oil (kerosene) boiler (New MCP)	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	200 mg/Nm^3	Average over sampling period	Every 3 years	EN 14792
		Carbon monoxide	No limit	Average over sampling period	Every 3 years	EN 15058
A8 [Point A8 on site plan in Schedule 7]	Boiler 4: 4.9 MWth biomass boiler (MCP & SWIP) Fired on biomass (non-waste)	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	1000 mg/Nm^3	Average over sampling period	Annually	EN 14792
			650 mg/Nm^3 ([1])			
		Dust	200 mg/Nm^3	Average over sampling period	Annually	BS EN 13284-1
			50 mg/Nm^3 ([1])			
		Carbon monoxide	No limit	Average over sampling period	Annually	EN 15058

	Boiler 4: 4.9 MWth biomass boiler (MCP & SWIP) Fired on waste wood	Dark Smoke	No visible dark smoke	-	Daily when in operation	Ringelmann Chart Shade 1.
		Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	500 mg/Nm^3	Average over sampling period	Annually	EN 14792
		Carbon monoxide	225 mg/Nm^3	Average over sampling period	Annually	EN 15058
		Dust	50 mg/Nm^3	Average over sampling period	Annually	EN 13284-1
		TVOC	30 mg/Nm^3	Average over sampling period	Annually	EN 12619
		HCN ([2])	7.5 mg/Nm^3	Average over sampling period	Annually	US EPA OTM29 CEN TS 17337
		Formaldehyde ([3])	7.5 mg/Nm^3	Average over sampling period	Annually	CEN TS 17638 CEN TS 18040 CEN TS 17337
A9 [Point A9 on site plan in Schedule 7]	Boiler 5: 4.9 MWth biomass boiler (MCP & SWIP) Fired on biomass (non-waste)	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	1000 mg/Nm^3 650 mg/Nm^3 ([1])	Average over sampling period	Annually	EN 14792
		Dust	200 mg/Nm^3 50 mg/Nm^3 ([1])	Average over sampling period	Annually	BS EN 13284-1
		Carbon monoxide	No limit	Average over sampling period	Annually	EN 15058
	Boiler 5: 4.9 MWth biomass boiler (MCP & SWIP) Fired on waste wood	Dark Smoke	No visible dark smoke	-	Daily when in operation	Ringelmann Chart Shade 1.
		Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	500 mg/Nm^3	Average over sampling period	Annually	EN 14792
		Carbon monoxide	225 mg/Nm^3	Average over sampling period	Annually	EN 15058
		Dust	50 mg/Nm^3	Average over sampling period	Annually	EN 13284-1
		TVOC	30 mg/Nm^3	Average over sampling period	Annually	EN 12619

		HCN ([2])	7.5 mg/Nm^3	Average over sampling period	Annually	US EPA OTM29 CEN TS 17337
		Formaldehyde ([3])	7.5 mg/Nm^3	Average over sampling period	Annually	CEN TS 17638 CEN TS 18040 CEN TS 17337
A10 [Point A10 on site plan in Schedule 7]	Odour control unit at Creamery (contingency lagoon)	No parameters set	No limit	--	--	--
A11 [Point A11 on site plan in Schedule 7]	Odour control unit at WPF (BT1 and Divert tanks)	No parameters set	No limit	--	--	--
A12 [Point A12 on site plan in Schedule 7]	Odour control unit at WPF (BT2 / Anoxics)	No parameters set	No limit	--	--	--

([1]) Limit applies from 1 January 2030

([2]) Only applicable when firing on melamine faced woods

([3]) Only applicable when firing plywood and chipboard

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 [Point W1 on site plan in Schedule 7] discharge to River Inny	Uncontaminated surface water drainage from interceptor and attenuation pond	pH	6 minimum 9 maximum	Spot sample	Monthly	BS ISO 10523
W2 [Point W2 on site plan in Schedule 7] discharge to River Inny	Treated process effluent arising from Creamery operations	Volume	2,600 m^3/day	24 hour (total daily volume)	Continuous	MCERTS self-monitoring of effluent flow scheme
		pH	6 minimum 9 maximum	Instantaneous	Continuous	BS ISO 10523
		Ammoniacal nitrogen (expressed as N)	1.7 mg/l	24 hour (flow proportional composite sample)	Daily	BS EN ISO 11732 BS ISO 15923 – 1
		Biochemical oxygen demand	13 mg/l	24 hour (flow proportional	Daily	BS EN 1899-1

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**
				composite sample)		
		Total suspended solids (TSS)	20 mg/l	24 hour (flow proportional composite sample)	Daily	EN 872
		Total Phosphorus (TP)	0.3 mg/l	24 hour (flow proportional composite sample)	Daily	EN ISO 6878 EN ISO 15681-1 EN ISO 15681 -2 EN ISO 11885)
		Chemical oxygen demand (COD)	125 mg/l	24 hour (flow proportional composite sample)	Daily	BS ISO 15705
		Total nitrogen (TN)	30 mg/l	24 hour (flow proportional composite sample)	Daily	EN 12260 EN ISO 11905-1
		Total Potassium	No limit	24 hour (flow proportional composite sample)	Monthly	BS EN ISO 11885 EN ISO 17294-2
		Chloride	No limit	24 hour flow proportional composite	Monthly	BS EN ISO 10304-1 BS EN ISO 15682 BS ISO 15923 – 1
		Temperature	28 ^{O}C ([1,2]) Annual 95th percentile	Instantaneous	Continuous	Traceable to national standard
			33 ^{O}C ([1,2]) maximum			

([1]) Limit applies 3 years after permit (EPR/BN6137IK/V013) issue date

([2]) Temperature can be measured at the point of discharge or after effluent treatment before entering the pipeline

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**
Point source emissions to air	A1, A2 and A7	Every 3 years	1 January
Parameters as required by condition 3.5.1	A3, A8, A9	Annually	1 January
Point source emissions to water (other than sewer)	W1	Quarterly	1 January, 1 April, 1 July & 1 October
Parameters as required by condition 3.5.1	W2	Quarterly	1 January, 1 April, 1 July & 1 October

Table S4.2: Annual production/treatment	
Parameter	**Units**
Total raw milk received	tonnes
Total raw milk treated	tonnes
Total product produced	tonnes
Production of cheese	tonnes
Production of whey powder	tonnes
Production of cream and whey protein concentrate (WPC)	tonnes
Total waste accepted	tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	m^3
Energy usage	Annually	MWh
Waste – recovery & disposal routes	Annually	tonnes
Mass of ash produced	Annually	kg ash / tonne of biomass waste incinerated (dry basis)
COD loss efficiency	Annually*	COD te/te product
Food waste	Annually	tonnes
*COD loss efficiency to be calculated on a weekly frequency, reported annually		

Table S4.4 Reporting forms		
Parameter	**Reporting form**	**Form version number and date**
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Point source emissions to water	Emissions to Water Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Food Waste	Food waste Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1 06/02/2023
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

(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	

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

(d) 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.

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

“List of Wastes” means the list of wastes established by Commission Decision replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW. An “existing medium combustion plant” is combustion plant operating before 20 December 2018.

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

“Pests” means Birds, Vermin and Insects.

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

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

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

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

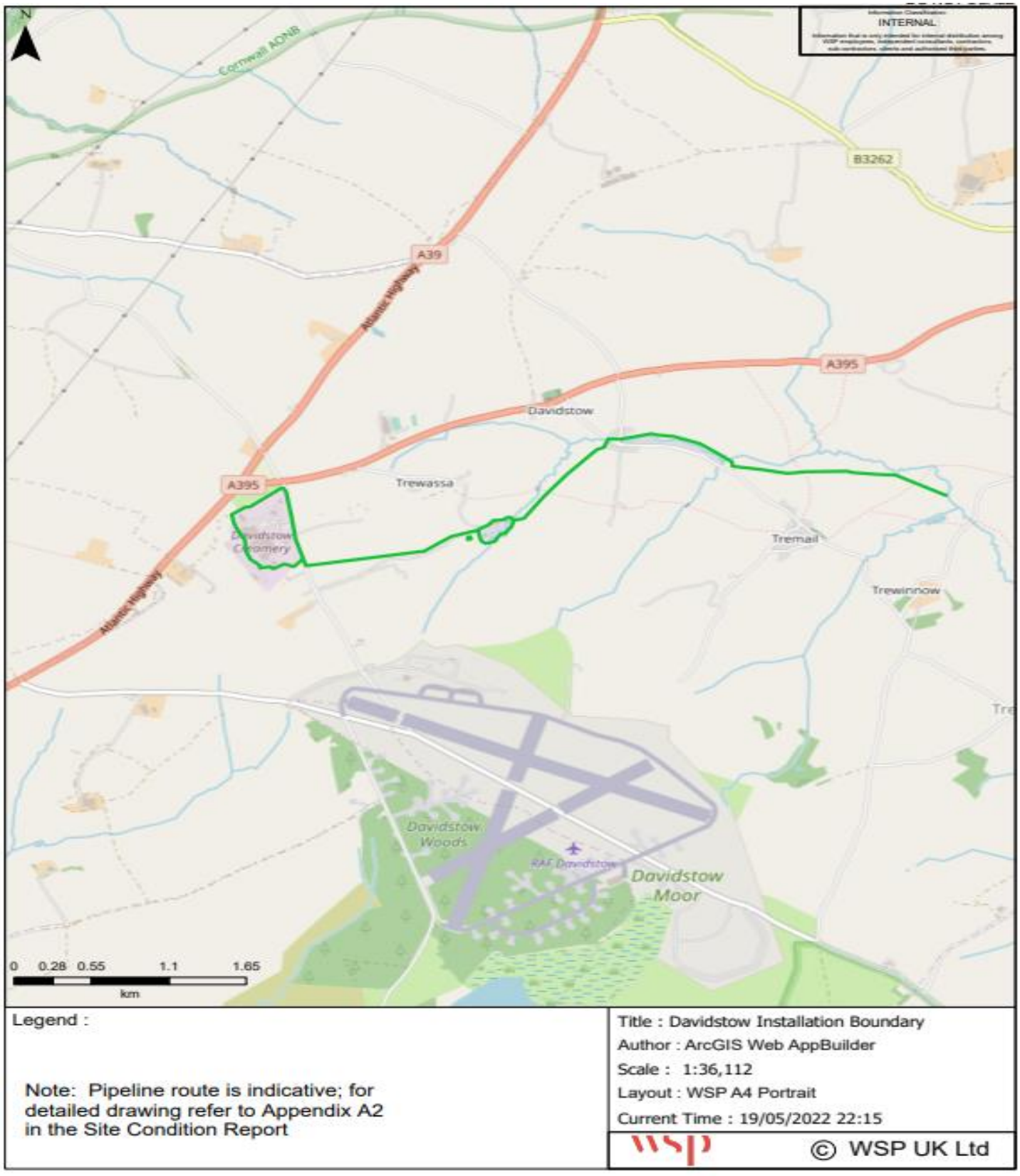
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 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

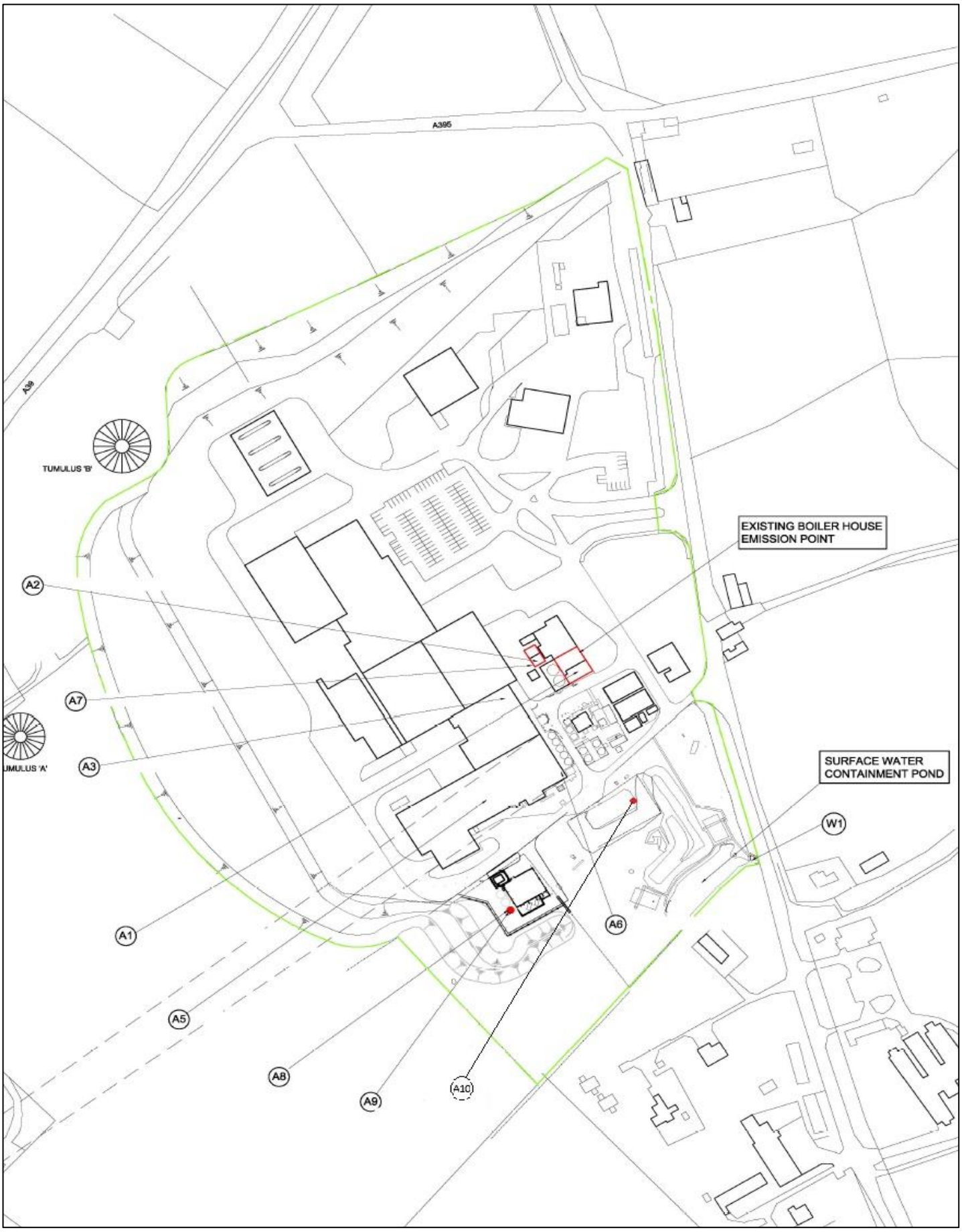
“year” means calendar year ending 31 December.

Schedule 7 – Site plans

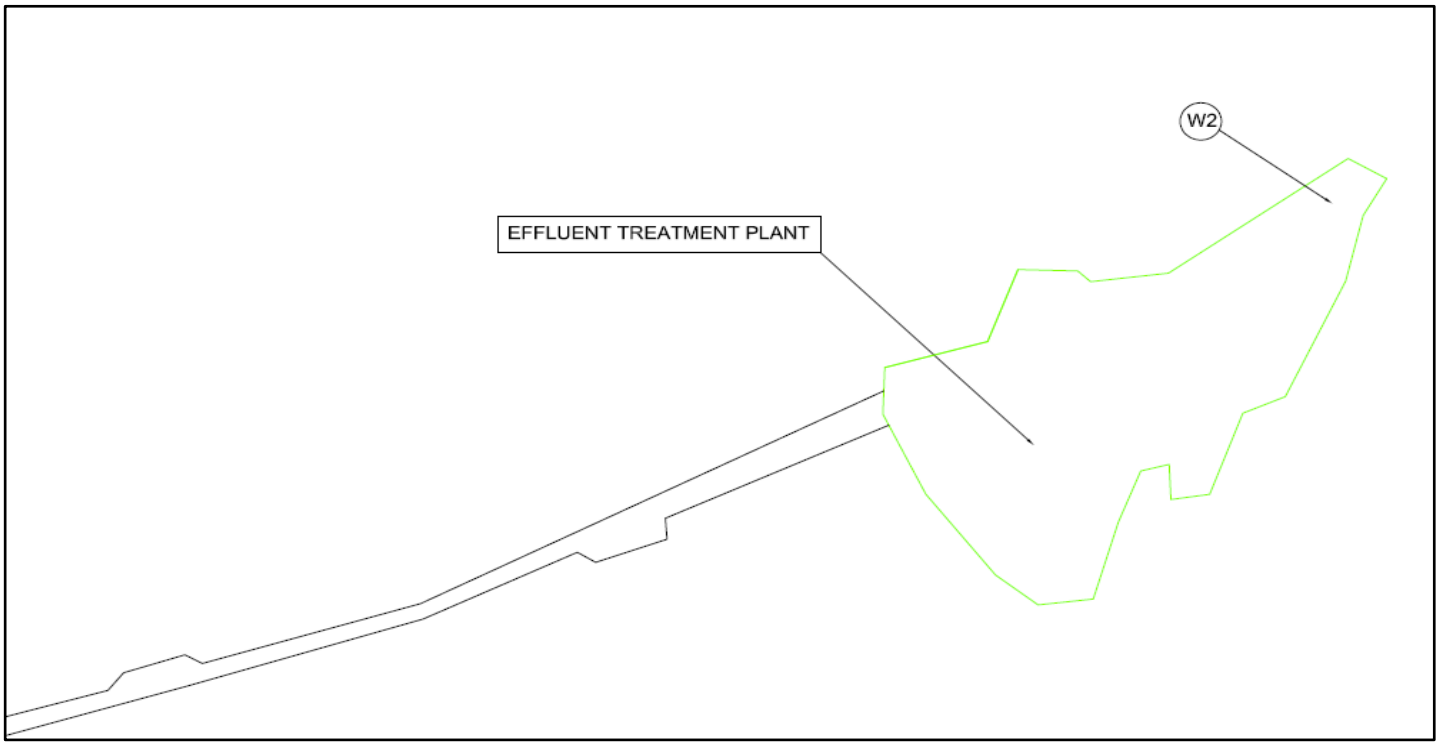
From production site to point of discharge into the river Inny



Production site plan with emissions points and boundary



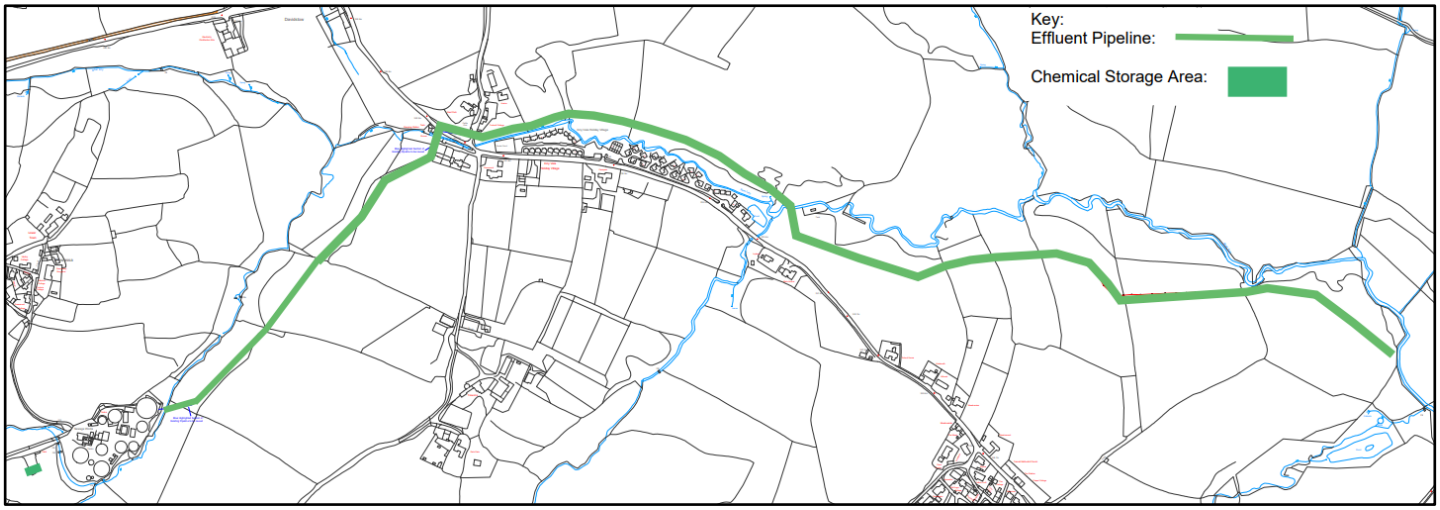
Water Processing Facility emission point to pipeline and site boundary



Water Processing Facility boundary

Water Processing facility and chemical storage area site boundary

Pipeline plan from effluent treatment plant to point of discharge in the river Inny



END OF PERMIT