

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Crediton Dairy Limited

Crediton Milk Processing Facility

Church Lane

Crediton

Devon

EX17 2AH

#### Variation application number

EPR/AP3038EM/V004

#### Permit number

EPR/AP3038EM

# Crediton Milk Processing Facility Permit number EPR/AP3038EM

## Introductory note

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

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

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

This consolidated permit has been issued following 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 have implemented the requirements of the Medium Combustion Plant directive, and incorporated post-dated requirements for 2025, in relation to the existing MCP’s (Back-up Boilers 1 & 2).

Crediton Milk Processing Facility produces long-life and extended shelf-life milk and cream products as well as flavoured milk drinks. Milk is delivered to site by tankers and stored in silos. The silos are fitted with level indicators and high-level alarms to prevent overfilling. The milk is routed to various processing lines where it’s subjected to pasteurisation, ultra-high temperature treatment, separation, cooling and chilling after which milk drinks may be mixed with flavourings and other additives and the products are packaged before being dispatched.

The site operates 24 hours a day 7 days a week,

The daily processing capacity is 567 tonnes a day.

The Environmental Permit is for the main listed activity falling under Section 6.8 Part A1 (e) *Treating and processing milk, the quantity of milk received being more than 200 tonnes per day (average value on an annual basis).*

The permit also contains a Section 5.4 Part A(1)(a)(i) activity for the biological treatment of process effluent from the processes on site.

The main emissions to air are from the three on site boilers, boilers 1 and 2 have a thermal input of 5.1 MWth and are operated on natural gas and provide back-up to the duty boiler which has a thermal input of 6.6MWth which is also operated on natural gas. Boilers 1 & 2 are not permitted to operated in conjunction with boiler 3. The back up boilers are limited to operating for 500 hours/year. Boilers 1 and 2 are considered to be existing under the Medium Combustion Directive (MCPD).

Process effluent is treated on site through the sites on site effluent treatment plant prior to discharge to the South West Water foul sewer (S1). Clean surface water is also discharged to the sewer via emission point S2.

The installation is located in the town of Crediton, in mid Devon and centred on National Grid Reference SS 83747 00237. Residential properties border the site to the north and south with the Church bordering on the west and a supermarket to the east.

There are no European protection sites or Sites of Special Scientific Interest (SSSI) within 10km of the installation boundary. There are two Local Wildlife Sites and one Ancient Woodland within 2km of the installation boundary.

The installation is operated under an Environment Management System, which is externally accredited to the ISO 14001 standard and holds a Climate Change 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 receivedEPR/BX6618IN/A001 | Duly made 30/03/2005 | Application received for the treatment and processing of milk  |
| Additional information received | 12/09/2005 | Confirmation of site boundary. |
| Permit determined  | 08/12/2005 | Permit issued to Milk Link Processing Limited. |
| Variation application EPR/BX6618IN/V002 | Duly made 11/03/2009 | Application to vary permit to add new high speed carton filling line, replacement of cooling system and replacement of heavy fuel oil boiler with new natural gas fired boiler.  |
| Variation determined EPR/BX6618IN/V002 | 14/05/2009 | Varied permit issued. |
| Variation application EPR/BX6618IN/V003 | Duly made 04/12/2009  | Application to vary permit to replace three existing filling lines with three similar filling lines; removal of three filling lines and replacement with one high speed carton filling line, replacement of one existing processing plant with three processing plants, the addition of four new silos, relocation of waste storage areas and other associated changes.  |
| Additional information received | 23/02/2010 | -- |
| Variation determined EPR/BX6618IN/V003 | 04/03/2010 | Varied permit issued. |
| Application EPR/AP3038EM/T001(full transfer of permit EPR/BX6618IN) | Duly made08/01/2014 | Application to transfer the permit in full to Crediton Dairy Limited. |
| Transfer determined EPR/AP3038EM | 10/01/2014 | Full transfer of permit complete. |
| Agency variation determined EPR/AP3038EM/V002 | 11/02/2014 | Agency variation to implement the changes introduced by IED |
| Variation application EPR/AP3038EM/V003 | Duly made23/11/2022 | Application to update permit conditions, add new boiler and updated Effluent treatment Plant |
| Additional information received via email  | 25/01/2023 | Details of containment for milk storage and mixing tanks |
| Permit issued EPR/AP3038EM | 14/02/2023  | Varied and consolidated permit issued in modern format |
| Application EPR/AP3038EM/V004 (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. |
| Request for further information dated 31/01/2024 | 29/02/2024 | Clarification of the following BATc 1, 2, 6, 7, 11, and 14. EPLs, Climate Change Adaptation, Relevant Hazardous Substances and on-site containment assessment |
| Request for further information dated 07/03/2024 | 29/04/2024 | Further clarification of the following BATc’s 1, 2, 6, 7, 11 and 14. In addition to clarification on the energy and wastewater EPLs. |
| Variation determined and consolidation issued EPR/AP3038EM(Billing ref. GP3845QT).  | 10/07/2024 | Varied and consolidated permit issued in modern format |

End of introductory note

## Notice of variation and consolidation

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

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

#### Permit number

EPR/AP3038EM

#### Issued to

Crediton Dairy Limited (“the operator”)

whose registered office is

Head Office

Church Lane

Crediton

Devon

EX17 2AH

company registration number 08490730

to operate a regulated facility at

Crediton Milk Processing Facility

Church Lane

Crediton

Devon

EX17 2AH

to the extent set out in the schedules.

The notice shall take effect from 10/07/2024

| Name | Date |
| --- | --- |
| Sandra Cavill | 10/07/2024 |

Authorised on behalf of the Environment Agency

#### Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

#### Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

## Permit

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

#### Permit number

EPR/AP3038EM

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AP3038EM/V004 authorising,

Crediton Dairy Limited (“the operator”),

whose registered office is

Head Office

Church Lane

Crediton

Devon

EX17 2AH

company registration number 08490730

to operate an installation

Crediton Milk Processing Facility

Church Lane

Crediton

Devon

EX17 2AH

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

| Name | Date |
| --- | --- |
| Sandra Cavill | 10/07/2024 |

Authorised on behalf of the Environment Agency

# Conditions

1. Management
	1. General management
		1. The operator shall manage and operate the activities:
			1. 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
			2. using sufficient competent persons and resources.
		2. Records demonstrating compliance with condition 1.1.1 shall be maintained.
		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.
	2. Energy efficiency
		1. The operator shall:
			1. take appropriate measures to ensure that energy is used efficiently in the activities;
			2. review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
			3. take any further appropriate measures identified by a review.
	3. Efficient use of raw materials
		1. The operator shall:
			1. take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
			2. maintain records of raw materials and water used in the activities;
			3. 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
			4. take any further appropriate measures identified by a review.
	4. Avoidance, recovery and disposal of wastes produced by the activities
		1. The operator shall take appropriate measures to ensure that:
			1. the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
			2. 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
			3. where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
		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
	1. Permitted activities
		1. The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
	2. The site
		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.
	3. Operating techniques
		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. 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.
		3. Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
		4. The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
			1. the nature of the process producing the waste;
			2. the composition of the waste;
			3. the handling requirements of the waste;
			4. the hazardous property associated with the waste, if applicable; and
			5. the waste code of the waste.
		5. The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.
	4. Improvement programme
		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. 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.
	5. Pre-operational conditions
		1. The operations specified in schedule 1 table S1.4B shall not commence until the measures specified in that table have been completed.
3. Emissions and monitoring
	1. Emissions to water, air or land
		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. The limits given in schedule 3 shall not be exceeded.
		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.
		4. For the following activities referenced in schedule 1, table S1.1 (AR3) the first monitoring measurements shall be carried out within four months of 01/01/2025 (in relation to boilers 1 & 2) or of the date when the MCP is first put into operation, whichever is later.
	2. Emissions of substances not controlled by emission limits
		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. The operator shall:
			1. 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;
			2. implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
		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. Odour
		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.
	4. Noise and vibration
		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.
	5. Monitoring
		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:
			1. point source emissions specified in tables S3.1 and S3.2; and
			2. process monitoring specified in table S3.3.
		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. 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.
		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.
	6. Pests
		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. The operator shall:
			1. 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;
			2. implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
4. Information
	1. Records
		1. All records required to be made by this permit shall:
			1. be legible;
			2. be made as soon as reasonably practicable;
			3. if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
			4. 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:
				1. off-site environmental effects; and
				2. matters which affect the condition of the land and groundwater.
		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.
	2. Reporting
		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.
		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:
			1. a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
			2. the annual production/treatment data set out in schedule 4 table S4.2; and
			3. the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
		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:
			1. in respect of the parameters and emission points specified in schedule 4 table S4.1;
			2. for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
			3. giving the information from such results and assessments as may be required by the forms specified in those tables.
		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. Notifications
		1. In the event:
			1. 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—
				1. inform the Environment Agency,
				2. take the measures necessary to limit the environmental consequences of such an incident or accident, and
				3. take the measures necessary to prevent further possible incidents or accidents;
			2. of a breach of any permit condition the operator must immediately—
				1. inform the Environment Agency, and
				2. take the measures necessary to ensure that compliance is restored within the shortest possible time;
			3. 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.
		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. Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
		4. 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:

* + - 1. any change in the operator’s trading name, registered name or registered office address; and
			2. 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:

* + - 1. any change in the operator’s name or address; and
			2. any steps taken with a view to the dissolution of the operator.

In any other case:

* + - 1. the death of any of the named operators (where the operator consists of more than one named individual);
			2. any change in the operator’s name(s) or address(es); and
			3. 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.
		1. 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:
			1. the Environment Agency shall be notified at least 14 days before making the change; and
			2. the notification shall contain a description of the proposed change in operation.
		2. The Environment Agency shall be given at least 14 days’ notice before implementation of any part of the site closure plan.
		3. Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
			1. a decision by the Secretary of State not to re-certify the agreement;
			2. a decision by either the operator or the Secretary of State to terminate the agreement; and
			3. any subsequent decision by the Secretary of State to re-certify such an agreement.
	1. Interpretation
		1. In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
		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  | Limits of specified activity  |
| 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 dispatch of processed packaged milk, long life milk, cream products and flavoured milk.Production capacity is limited to 567 tonnes per day.  |
| AR2 | Section 5.4 Part A1 (a) (i) | Recovery or a mix of recovery and disposal of non-hazardous waste at a plant with a treatment capacity exceeding 75 tonnes per day by biological treatment.  | Treatment of trade effluent within the onsite effluent treatment plant, from generation of effluents to discharge to the South West Water foul sewer. Effluent treatment plant – treatment of waste process waters by physical screening (<1mm), - equalisation, neutralisation and dissolved air flotation (DAF) prior to recovery of water through membrane bioreactors (MBR) and reverse osmosis (RO) and final effluent discharge to the foul sewer.  |
| Directly Associated Activity |
| AR3 | Steam supply | Medium Combustion plants: * 2 x 5.1 MWth natural gas-fired boilers (back-up)- Existing MCP
* 1 x 6.6 MWth natural gas fired boiler (duty) – New MCP
 | From receipt of fuel to release of products of combustion to air. Boiler 1 & 2 (5.1 MWth) are back up boilers to the main boiler and shall not operate for more than 500 hours a year.  |
| AR4 | Raw material storage and handling | Storage and handling of raw materials at the installation | From receipt of raw materials to dispatch of final product.  |
| AR5 | 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. |
| AR6 | 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.  |
| AR7 | Waste storage and handling | Storage and handling of waste materials | From generation of waste to storage pending removal for disposal or recovery.  |
| AR8  | Process cooling waters  | Operation of four cooling towers  | From operation of cooling towers, including chemical dosing. |
| AR8 | Surface water drainage | Collection of uncontaminated site surface waters | Handling and storage of site drainage until discharge to the South West Water sewer  |

| Table S1.2 Operating techniques |
| --- |
| Description | Parts | Date Received |
| Application | Response to question B2.1 page 5. B2.2 in page 6-34 and B2.3,B2.4 and B2.5 in application | 30/03/2005 |
| Further information | 1.b and 2 of letter | 01/09/2005 |
| Variation application EPR/BX6618IN/V002 | All of 2.2 Process controls and technical description of A3 speed filling line, new cooling system and boiler replacement | 23/02/2009 |
| Variation application EPR/BX6618IN/V003 | Part II: Description of proposed changes Part III Supporting information | 25/11/2009 |
| Application EPR/AP3038EM/V003 | All sections, including Noise Management Plan | Duly made 03/08/2022 |
| Regulation 61 (1) Notice – Responses to questions dated 24/03/2022 | All parts | Received 22/07/2022 |
| Regulation 61(1) Notice – request for further information dated 31/01/2024                       | Further information provided in relation to BATc’s 1, 2, 7, and energy and waste water EPLs. In addition to the submission of the updated ISO 140001 certificate | Received 29/02/2024 |
| Regulation 61(1) Notice – request for further information dated 07/03/2024                      | Further information provided in relation to BATc’s 2, 7, 11, 14 and clarification of the energy and waste water EPLs.  | Received 29/04/2024 |

| Table S1.3 Improvement programme requirements |
| --- |
| Reference | Requirement | Date |
| IC1  | Following completion of commissioning of the new effluent treatment plant, the operator shall submit a revised Odour Management Plan. The revised plan shall be developed in accordance with Environment Agency’s H4 guidance on Odour Management https://www.gov.uk/government/publications/environmental-permitting-h4- odour-management. The revised plan shall be submitted to the Environment Agency for approval in writing. | Within 3 months of completion of commissioning of the ETP. |
| IC2  | Following completion of commissioning of the new effluent treatment plant, the operator shall submit a revised noise Management Plan. The revised plan shall be developed in accordance with Environment Agency’ guidance on Noise and Management Plans Noise and vibration management: environmental permits - GOV.UK ([www.gov.uk](http://www.gov.uk)).The revised plan shall be submitted to the Environment Agency for approval in writing. | Within 3 months of completion of the changes to key plant and equipment, as authorised by V003 |
| IC3  | The operator shall submit a proposal for alternative appropriate measures for the secondary containment of any tanks not served by dedicated bunds. The proposal shall detail how the proposed alternative appropriate measures will provide the equivalent environmental protection of a dedicated bund in order to prevent and/or minimise the impact of fugitive emissions from any loss of containment, based on the size, nature and content of the tanks in scope. The proposal must be implemented as agreed in writing by the Environment Agency. | 09/08/2024 or as agreed in writing by the Environment Agency |
| IC4 | The operator shall submit, for approval by the Environment Agency, a report demonstrating achievement of the ‘Narrative’ BAT conclusions as identified in the Food, Drink and Milk Bref published on 4 December 2019 where BAT is currently not demonstrated or achieved. The report shall include, but not be limited to, the following:• Methodology applied for achieving BAT• Demonstrating that BAT has been achieved. The report shall address the BAT Conclusions for Food, Drink and Milk Industries with respect to BATc 6 and 11Refer to BAT Conclusions for a full description of the BAT requirement. | 10/10/2024 or as agreed in writing by the Environment Agency |
| IC5 | The operator shall submit to the Environment Agency for approval a risk assessment considering the possibility of soil and groundwater contamination at the installation where the activity involves the use, production or release of a hazardous substances (as defined in Article 3 of Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures). A stage 1-3 assessment should be completed (as detailed within the EC Commission Guidance 2014/C 136/-3) as follows;* Stage 1 – Identify hazardous substance(s) used / stored on site.
* Stage 2 – Identify if the hazardous substance(s) are capable of causing pollution. If they are capable of causing pollution, they are then termed Relevant Hazardous Substances (RHS).
* Stage 3 – Identify if pollution prevention measures & drains are fit for purpose in areas where hazardous substances are used / stored.

If the outcomes of Stage 3 identifies that pollution of soil / ground water to be possible. The operator shall produce and submit a monitoring plan to the Environment Agency for approval detailing how the substance(s) will be monitored to demonstrate no pollution. The operator shall commence monitoring of the RHS within a timescale as agreed by the Environment Agency.  | 10/07/2025 or as agreed in writing by the Environment Agency |
| IC6 | The Operator shall undertake a survey of the primary, secondary and tertiary containment at the site and review measures against relevant standard 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 to the Environment Agency approval which outlines the results of the survey and the review of standard and provide details of* current containment measures
* any deficiencies identified in comparison to relevant standards,
* improvements proposed
* time scale for implementation of improvements.

The operator shall implement the proposed improvements in line with the timescales agreed by the Environment Agency." | 10/07/2025 or as agreed in writing by the Environment Agency |

| Table S1.4B Pre-operational measures for future development |
| --- |
| Reference | Operation | Pre-operational measures |
| PO1  | PO1 Operation of new effluent treatment plant  | The Operator shall submit a written plan to the Environment Agency for the construction and commissioning of the new effluent treatment plant, including relevant key dates. |

# Schedule 2 – Waste types, raw materials and fuels

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

# Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements |
| --- |
| Emission point ref. & location | Source | Parameter | Limit (including unit)  | Reference period | Monitoring frequency | Monitoring standard or method |
| A1 – A9 [Points A1– A9 on site plan in schedule 7] | Air Extraction from main Processing plant | No parameters set | No limit set | -- | -- | -- |
| A10 – A12 [Points A10 – A12 on site plan in schedule 7] | Filling lines | Steam Emergency release (pressure valve only) | No limit set | -- | -- | -- |
| A13 [Point A13 on site plan in Schedule 7] | Boiler 3 (6.6 MWth gas-fired boiler, operated as duty plant) | Oxides of Nitrogen (NO and NO2 expressed as NO2) | 100 mg/m3 | Periodic  | Every three years | MCERTSBS EN 14792 |
| Carbon monoxide  | No Limit  | Periodic  | Every three years  | MCERTSBS EN15058 |
| A14 [Point A14 on site plan in Schedule 7] | Boiler 2 (5.1 MWth gas-fired boiler, operated as back-up plant) [Note 1&2] | Oxides of Nitrogen (NO and NO2 expressed as NO2) | 200 mg/m3 | Periodic  | Every three years | MCERTSBS EN 14792 |
| Carbon monoxide  | No Limit  | Periodic  | Every three years | MCERTSBS EN15058 |
| A15 [Point A15 on site plan in Schedule 7] | Boiler 1 (5.1 MWth gas-fired boiler, operated as back-up plant) [Note 1&2] | Oxides of Nitrogen (NO and NO2 expressed as NO2) | 200 mg/m3 | Periodic  | Every three years | MCERTSBS EN 14792 |
| Carbon monoxide  | No Limit  | Periodic  | Every three years | MCERTSBS EN15058 |
| NOTE 1: Emission limits and monitoring requirements apply from 1 January 2025, unless otherwise advised by the Environment AgencyNote 2: Emission limits and monitoring requirements only apply if back up boilers are operated for more than 500 hours on a rolling average over 5 years and no less frequent than every 5 years |

| Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements |
| --- |
| Emission point ref. & location | Source | Parameter  | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| S1 [Point S1 on site plan in schedule 7] emission to South West Water Foul sewer  | Treated process effluent from onsite effluent treatment plant  | No parameter set  | No limit set | -- | -- | -- |
| S2 [Point S2 on site plan in schedule 7] emission to South West Water Foul sewer  | Clean an uncontaminated surface water | No parameter set  | No limit set | -- | -- | -- |

| Table S3.3 Process monitoring requirements |
| --- |
| Emission point reference & location | Parameter | Source | Limit (incl unit) | Reference period  | Monitoring frequency | Monitoring standard or method  |
| Effluent treatment plant building | Olfactory Odour Testing | Odour abatement plant | Not limit set  | -- | Not applicable | Olfactory Sniff Test |

# 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 Parameters as required by condition 3.5.1 | A13 | Every three years  | 1 January |
| A14 and A15 | First monitoring undertaken in accordance with Condition 3.1.4 to be reported within 3 months, and then every 3 years thereafter. | From first monitoring requirements in accordance with Condition 3.1.4 |

| Table S4.2: Annual production/treatment |
| --- |
| Parameter | Units  |
| Annual production | tonnes |
| Raw material usage | tonnes |

| Table S4.3 Performance parameters |
| --- |
| Parameter | Frequency of assessment | Units |
| Water usage | Annually | m3 |
| Energy usage | Annually | MWh |
| Waste | Annually  | tonnes |
| COD loss efficiency  | Annually\* | COD te/te product |
| Food waste  | Annually  | Tonnes  |
| \*COD 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 |
| 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 106/02/2023  |
| 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 |  |
| 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.

“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.

“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.

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 other than gas engines or gas turbines, 6% dry for solid fuels; and/or
* in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

# Schedule 7 – Site plan

# A blueprint of a building  Description automatically generated

END OF PERMIT