

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Ian Mosey (Feed) Limited

Blackdale Mill
Coulton Lane
Hovingham
York
North Yorkshire
YO62 4NQ

Variation application number

EPR/FP3339AZ/V005

Permit number

EPR/FP3339AZ

Blackdale Mill

Permit number EPR/FP3339AZ

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.

This variation is to install a new mixer, a new steam raising boiler, an additional raw material storage silo and a third intake point.

The installation manufactures animal compound feeds at the site, which is located at NGR SE 62839 75472 in Coulton, North Yorkshire. The site is located in open countryside between Coulton and Hovingham. It is a predominantly agricultural area.

Compound rations core formulations are based on cereals (such as wheat, maize and barley), soya, rapeseed and sugar beet, together with specific additives such as minerals and supplements. The processing of compounds products is carried out on a batch basis typically comprising the following key stages: intake and raw material storage, weighing, grinding, mixing, pressing, cooling and coating. After conditioning the hot mix is conveyed to press lines, where it is extruded through dies to produce pellets. The hot pellets are then passed through a counter flow air cooler to reduce their temperature, causing them to harden and become durable. Most of the pellets are subsequently coated in fat to produce the finished product. The finished product is then stored in bins prior to being automatically loaded to bulk delivery vehicles for delivery to farmer customers on an as required basis.

The Environmental Permit is for the following scheduled activities: *Section 6.8 part A (1) (d)(ii) production of animal feeds which are suitable for consumption by an animal without further processing with a capacity greater than 300 tonnes per day.*

Production capacity is 1,728 tonnes per day with manufacturing carried out 24 hours per day up to 7 days per week. A small quantity of product is packed into 25kg bags or 1,000kg tote bags or delivered in bulk in a similar manner to the compound products described above.

The main emissions to air from the process are minimized through the use of cyclone abatement systems on key release points from onsite coolers. The grinders on site are vented internally. There is an existing 1.9MWth steam boiler, due to become the back-up, and a new 3.1MWth boiler both fuelled by LPG propane gas.

There is no process effluent as this is a dry process, however, roof drainage, contaminated surface water and boiler blowdown is discharged into drains, which are protected by a full flow interceptor that subsequently discharges into Marrs Beck.

The nearest residential property, which is owned by the company is 'Blackdale Farm House' some 200m to the east. 450m northeast of the site Syke Gate and a domestic dwelling is located. Other local receptors are approximately 1km distance. Marrs Beck is located approximately 300m to the east of the site.

The Horse Field, Gilling, Site of Special Scientific Interest (SSSI), 5 Local Wildlife Sites (LWS) and 4 Ancient Woodlands (AW) are within 2km of the site.

The installation operates a documented Environmental Management System, which is independently audited.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/FP3339AZ/A001	Duly made 25/03/2015	Application for an environmental permit.
Additional information received	22/06/2015	Tank farm bund and fuel oil storage information.
Permit determined EPR/FP3339AZ	06/09/2016	Permit issued to Ian Mosey (Feed) Limited.
Application EPR/FP3339AZ/V003 (variation and consolidation)	Duly made 22/10/2020	Application to vary the permit to include a third production line and associated infrastructure changes, plant replacements and corrections to the permit.
Schedule 5 notice issued 09/12/2020	Response 08/01/2021 20/01/2021 27/01/2021 01/02/2021	The following information was received as part of the Schedule 5 response: Details regarding site operations and water discharge risk assessment.
Variation determined EPR/FP3339AZ	09/04/2021	Varied and consolidated permit issued in modern condition format.
Application EPR/FP3339AZ/V003 (variation and consolidation)	Received 30/07/2021	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Additional information	27/04/2022	Response to a request for information relating to BATc5, BATc10 and the hazardous substances risk assessment.
	29/04/2022	Monitoring data from cooler emissions.
Variation determined and consolidation issued EPR/FP3339AZ	16/06/2022	Varied and consolidated permit issued in modern format.
Applied EPR/FP3339AZ/V004 returned	14/06/2024	Application returned as not duly made.
Application EPR/FP3339AZ/V005 (variation and consolidation)	Duly made 19/12/2025	Application to install a new mixer, a new steam raising boiler, an additional raw material storage silo and a third intake point.
Variation determined and consolidation issued EPR/FP3339AZ	18/05/2026	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/FP3339AZ

Issued to

Ian Mosey (Feed) Limited (“the operator”)

whose registered office is

**Village Farm
Gilling East
York
North Yorkshire
YO62 4JH**

company registration number 06833184

to operate a regulated facility at

**Blackdale Mill
Coulton Lane
Hovingham
York
North Yorkshire
YO62 4NQ**

to the extent set out in the schedules.

The notice shall take effect from 18/05/2026.

Name	Date
Beccy Brough	18/05/2026

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions were varied as a result of the application made by the operator:

- Table S1.1, as referenced by conditions 2.1.1 and 3.1.4, is updated to show updated production capacity and inclusion of new MCP.
- Table S1.2, as referenced by conditions 2.3.1 and 2.3.2, is updated to show returned V004 application and current V005 application.
- Table S1.3, as referenced by condition 2.4.1, is updated to show completed and ongoing improvement conditions.
- Table S2.1, as referenced by condition 2.3.3, is updated to show the sulphur content of the LPG.
- Table S3.1, as referenced by conditions 3.1.1, 3.5.1 and 3.5.4, is updated to include newly installed boiler and ELVs.
- Table S3.2, as referenced by conditions 3.1.1, 3.5.1 and 3.5.4, is updated to include an ELV for Phosphate.
- Table S4.1, as referenced by condition 4.2.3, is updated to include new air and water monitoring points.
- Table S4.4, as referenced by conditions 4.2.2 and 4.2.3, is updated to include Emissions to Water Reporting Form.
- Schedule 6, as referenced by condition 4.4.1, is updated to include further definitions.
- Schedule 7, as referenced by condition 2.2.1, is updated to include a new site plan with all emission points labelled.

The following conditions are added following an Environment Agency initiated variation:

- 4.2.5: 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.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/FP3339AZ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FP3339AZ/V005 authorising,

Ian Mosey (Feed) Limited (“the operator”),

whose registered office is

**Village Farm
Gilling East
York
North Yorkshire
YO62 4JH**

company registration number 06833184

to operate an installation at

**Blackdale Mill
Coulton Lane
Hovingham
York
North Yorkshire
YO62 4NQ**

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

Name	Date
Beccy Brough	18/05/2026

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”).

2.2 The site

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

2.3 Operating techniques

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

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

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

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

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

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

2.4 Improvement programme

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

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1 (AR2) the first monitoring measurements shall be carried out within four months of the issue date of the permit or of the date when the MCP is first put into operation, whichever is later.

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

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

- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

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

3.6 Pests

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

4 Information

4.1 Records

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

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

4.2 Reporting

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

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in schedule 4, table S4.2; and
- (c) the performance parameters set out in schedule 4, table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4, table S4.1;
- (b) for the reporting periods specified in schedule 4, table S4.1 and using the forms specified in schedule 4, table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 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.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must

immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

Schedule 1 – Operations

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 A(1)(d)(ii)	Treating and processing, other than exclusively packaging, of the following raw materials, whether previously process or unprocessed, intended for the production of food or feed from only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day.	From receipt of raw materials to dispatch of final product. Production capacity is limited to 1,728 tonnes per day.
Directly Associated Activity			
AR2	Steam power supply	<u>Medium Combustion plants:</u> 1 x existing 1.9 MWth and 1 x new 3.1 MWth, both LPG propane gas fired boilers. Existing 1.9 MWth to be used as back-up only.	From receipt of fuel to release of products of combustion to air.
AR3	Mains water treatment	Treatment of incoming mains water.	From incoming mains water treatment (water softener, scale inhibitor and oxygen scavenger) to use for boiler feed water on site.
AR4	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.
AR5	Waste storage and handling	Storage and handling of waste materials.	From generation of waste to storage pending removal for disposal or recovery.
AR6	Surface water drainage	Collection of uncontaminated site surface waters.	Handling and storage of site drainage until discharge to Marrs Beck.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/FP3339AZ/A001	Answers to Section 3 on application form Part B3 including references to the Food and Drink Sector Guidance EPR 6.10 and the Food, Drink and Milk Industries BREF. The following documents in the supporting Information: Section 4 – Environmental Risk Assessment Section 5 - Operating standards, technical standards/in-process controls.	Duly made 25/03/2015
Application (variation) EPR/FP3339AZ/V002	Answers to question 3a on application form part C3 and sections The following documents in the supporting Information:	Duly made 22/10/2020

Table S1.2 Operating techniques		
Description	Parts	Date Received
	Section 3 – Non-technical Summary Section 4 – Environmental risk assessments Section 5 – Operating standards, technical standards/in-process controls Section 9 – Accident management	
Response to Schedule 5 Notice dated 09/12/2020	Answers relating to site operations and water discharge risk assessment.	08/01/2021, 20/01/2021, and 27/01/2021
Regulation 61 (1) Notice – Responses to questions dated 04/05/2021	All parts	Received 30/07/2021
Variation application (EPR/FP3339AZ/V004)	Application returned as not duly made.	14/06/2024
Variation application (EPR/FP3339AZ/V005)	Parts C2, A, F1, C3, C6 and C2.5 of the application documents and all associated supporting information.	Duly made 19/12/2025

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall undertake monitoring of the boiler blowdown discharge to surface water from emission point W1 to verify that all sodium metabisulphite is fully reacted with the dissolved oxygen in the system and there is no residual sodium bisulphite in the boiler feed water. This is comprised of the following:</p> <ul style="list-style-type: none"> a) The operator shall submit a written monitoring plan to the Environment Agency for approval, that includes proposals to undertake representative monitoring of the boiler blowdown discharge to surface water from emission point W1, having regard to the Environment Agency's guidance on 'Monitoring discharges to water' (formerly part of M18). This should include monitoring for sodium bisulphite, frequencies of monitoring, methods to be used and how the monitoring data will be recorded and reviewed. It should also be carried out over a 12 month period to account for river flow variability in the receiving watercourse (Marrs Beck) and seasonal dissolved oxygen variability's in the boiler feed water. b) The operator shall carry out the monitoring in accordance with the Environment Agency's written approval and within the timescale agreed. <p>The operator shall submit a written report to the Environment Agency for approval detailing a review of the monitoring undertaken, the results obtained and an update of the surface water pollution risk assessment if necessary. The report shall be submitted within 1 month of completion of the monitoring from part b of IC1 or as agreed in writing with the Environment Agency.</p>	Complete
IC2	<p>The Operator shall submit a written report to the Environment Agency of monitoring carried out to determine the size distribution of particulate matter in the exhaust gas emissions to air from emission points A1, A2, and A8 identifying the fractions within the PM10 and PM2.5 ranges. The monitoring shall be carried out under representative operating conditions and shall be in accordance with EN ISO 23210 unless otherwise agreed with the Environment Agency.</p>	Complete
IC3	<p>The operator shall review and update the H1 risk assessment for particulate emissions to air at the capacity levels stated within table S1.1 of this permit. The H1 shall be submitted to the Environment Agency for review.</p>	Complete

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
LPG or equivalent substitute to be agreed in writing with the Environment Agency	Not exceeding 0.1% w/w sulphur content

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 as shown on the Site Layout Plan in Schedule 7	Cooler 1 exhaust vent with cyclone dust separation unit	Particulate matter	20 mg/m ³	Average over the sampling period	Annually	BS EN 13284-1
A2 as shown on the Site Layout Plan in Schedule 7	Cooler 2 exhaust vent with cyclone dust separation unit	Particulate matter	20 mg/m ³	Average over the sampling period	Annually	BS EN 13284-1
A3 as shown on the Site Layout Plan in Schedule 7	Boiler plant exhaust (Back-up only)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Every three year	BS EN 14792
		Carbon Monoxide	No limit set	Periodic	Every three years	BS EN 15058
A7 as shown on the Site Layout Plan in Schedule 7	Lysine bulk storage tank	No parameters set	No limit set	--	--	--
A8 as shown on the Site Layout Plan in Schedule 7	Cooler 3 exhaust vent with cyclone dust separation unit	Particulate matter	20 mg/m ³	Average over the sampling period	Annually	BS EN 13284-1
A10 as shown on the Site Layout Plan in Schedule 7	LEV outlet from west façade of Mill Building intake	No parameters set	No limit set	--	--	--
A11 as shown on the Site Layout Plan in Schedule 7	Fuel storage tank (derv/white diesel)	No parameters set	No limit set	--	--	--
A12 as shown on the Site Layout Plan in Schedule 7	Fuel Storage tank (red diesel)	No parameters set	No limit set	--	--	--
A13 as shown on the Site Layout Plan in Schedule 7	Storage tank (Ad blue)	No parameters set	No limit set	--	--	--

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
A14 as shown on the Site Layout Plan in Schedule 7	Heating oil storage tank	No parameters set	No limit set	--	--	--
A15 as shown on the Site Layout Plan in Schedule 7	Boiler plant exhaust	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	100 mg/m ³	Periodic	Every three year	BS EN 14792
		Carbon Monoxide	No limit set	Periodic	Every three years	BS EN 15058

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 on the Site Layout Plan in schedule 7 emission to unnamed tributary of Marrs Beck	Boiler blowdown and uncontaminated surface water run-off via full retention separator	Total Phosphorus (TP)	0.65 mg/l	24-hour flow proportional sample	Daily	EN ISO 6878, EN ISO 15681-1 and -2, ENISO 11885.

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	A1, A2, A8	Every 12 months	1 January
	A3, 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
Point source emissions to water (other than sewer) Parameters as required by condition 3.5.1	W1	Quarterly	1 January, 1 April, 1 July & 1 October

Table S4.2 Annual production/treatment	
Parameter	Units
Compound feed	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Specific water usage (yearly average)	Annually	m ³ /tonne of products
Energy usage	Annually	MWh
Specific energy consumption (yearly average)	Annually	MWh/ tonne of products
Waste	Annually	tonnes

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 (other than sewer)	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

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
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.

“channelled emissions” means the emissions of pollutants into the environment through any kind of duct, pipe, stack, etc. This also includes emissions from open top biofilters.

“diffuse emissions” mean non-channelled emissions (e.g. of dust, organic compounds, odour) which can result in ‘area’ sources (e.g. tanks) or ‘point’ sources (e.g. pipe flanges). This also includes emissions from open-air windrow composting.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“emissions to land” includes emissions to groundwater.

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

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

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

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

“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.

“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.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“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.

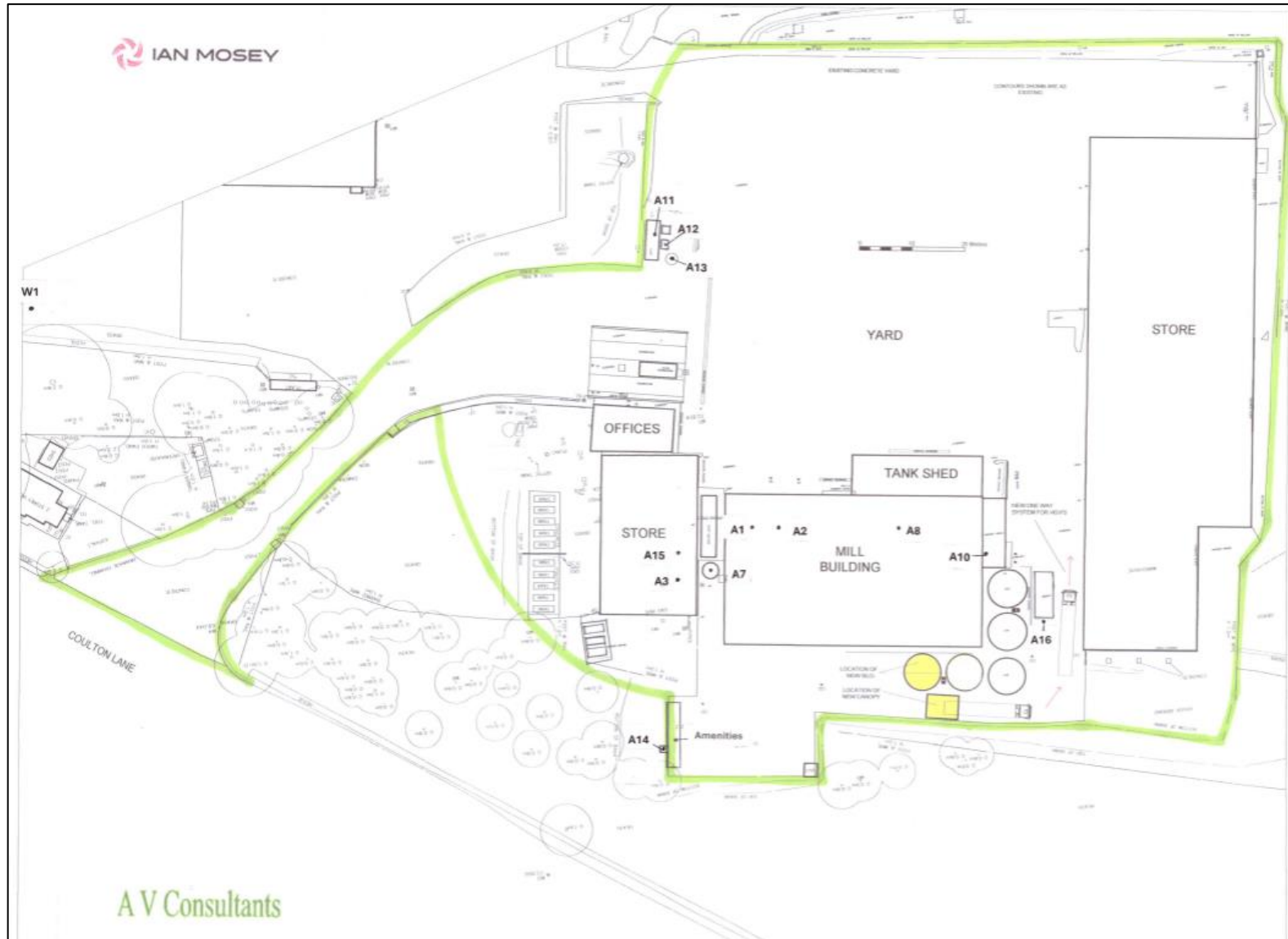
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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 other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous 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



END OF PERMIT

Permit number
EPR/FP3339AZ

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- ¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- ² Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- ³ For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- ⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.