

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Thorntons Limited

Thornton Park

Somercotes

Alfreton

DE55 4XJ

Variation application number

EPR/WP3639QM/V003

Permit number

EPR/WP3639QM

Thornton Park

Permit number EPR/WP3639QM

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 add one new production line and modify an existing line for new confectionary production. These will increase annual production capacity by 113 tonnes per day, to a total of 125.32. The variation also includes the installation of infrastructure relating to these changes which include: a new reverse osmosis water softening system; a raw material storage tanks/ silos; new steam hazelnut roaster; two new 1.01MWth natural gas fired boilers (serving the hazelnut roaster); preparation area; and a 0.363MWth natural gas fired oven.

This variation also includes clarification of existing combustion plants and emission points.

The permit has also been reviewed against the requirements of the Medium Combustion Plant Directive (MCPD) for 2030 and relevant conditions and monitoring requirements have been added.

The installation includes three existing 3.7MWth Medium Combustion Plant (MCP) boilers and an existing Combined Heat and Power (CHP) Plant, rated 3.6MWth, which all run on natural gas. With this variation, there are also two new 1.01MWth natural gas boilers on site. We have included the MCPD requirements for all MCP Plant on site, at the operator's request.

The main features of the permit are as follows:

The installation manufactures chocolate and confectionery products. The activities fall under the following sections of the Environmental Permitting (England and Wales) Regulations 2016:

- Section 6.8 Part A(1)(d)(iii) – Treatment and processing, other than exclusively packaging of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed (where the weight of the finished product excludes packaging)
 - (iii) Animal and vegetable raw materials (other than milk only), both in combined and separate products, where a finished production capacity in tonnes per day greater than –
 - (aa) 75 where (the portion of animal material in percent of weight of the finished production capacity) is equal to 10 or more.
- Section 5.4 Part A(1)(a)(ii) – Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving one or more of the following activities (physico-chemical treatment)

Food grade materials, glucose, sorbitol and sugar, are delivered to the site in bulk and stored.

The manufacturing processes for chocolates and other confectionery products involves the following:

- Receipt and storage of raw materials
- Centre making for chocolates
- Enrobing and moulding of chocolates
- Production of hollow figures (excluded from the Environmental permit)
- Packaging and storage of manufactured chocolates and confectionery products and
- pH balancing of process effluent on site prior to consented discharge to municipal sewer.

Process effluent is generated as a result of cleaning the production lines. Effluent is directed to the on-site effluent treatment area located in the north western corner of the site. Effluent flows through fat traps which remove process fat residue from the wastewater before it is dosed (when required) for pH balancing and finally discharged to Severn Trent Water foul sewer under consent. Surface water run-off from external roadways and yards is directed to the on-site surface water drainage system. Surface water is directed via five discharge points, three of which discharge to land drain running adjacent to the east of the site, a fourth drain to the north and a fifth drain serving the refuelling island. All surface water discharges to the local Oakerthorpe Brook via land drain.

There are point sources emissions to air from five natural gas fired boilers and one Combined Heat and Power Plant (CHP), used for heat and steam raising for production activities. (One natural gas boiler is currently not used, but remains on site for potential future use). Other activities at the installation include refrigeration, cooling tower and diesel fuel storage for HGV Deliveries.

There are no European designated sites within 10 kilometres or Sites of Special Scientific Interest within 2 kilometres of the installation. There are several non-statutory conservation sites within 2 kilometres.

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/WP3639QM/A001	Duly made 20/04/2020	Application for a confectionery manufacturing facility
Additional information received	02/07/2020	Additional information on chemical storage arrangements, surface water drainage and containment, water consumption and refrigerants
Permit determined EPR/WP3639QM	09/10/2020	Permit issued to Thorntons Limited
Application EPR/WP3639QM/V002 (variation and consolidation)	Duly made 10/12/2020	Application to add a new CHP engine
Additional information received	11/01/2021	Additional information provided explaining the procedures in place for monitoring and maintenance of the CHP
Additional information received	03/02/2021	Clarification on the parameters provided for the emissions monitoring
Additional information received	25/02/2021	Revised site plan showing additional emission point
Variation determined and consolidation issued EPR/WP3639QM	25/03/2021	Varied and consolidated permit issued in modern format
Application EPR/WP3639QM/V003 (variation and consolidation)	Duly made 07/02/2025	Application to add one new and update another production line and manufacturing plant.
Additional information received	11/08/2025	Confirmation of MWth of boilers.
Variation determined and consolidation issued EPR/WP3639QM	24/10/2025	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/WP3639QM

Issued to

Thorntons Limited (“the operator”)

whose registered office is

889 Greenford Road

Greenford

Middlesex

UB6 0HE

company registration number **00174706**

to operate a regulated facility at

Thornton Park

Somercotes

Alfreton

DE55 4XJ

to the extent set out in the schedules.

The notice shall take effect from 24/10/2025.

Name	Date
Beccy Brough	24/10/2025

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, 2.3.6 and 3.1.5 is amended to include details of MCP.
- Table S1.2, as referenced by conditions 2.3.1 and 2.3.2, is updated to include the operating techniques employed to support the changes introduced by this variation.
- Table S1.3 is amended to update completed improvement programme requirements.
- Table S3.1, as referenced by conditions 3.1.1, 3.1.2, 3.5.1 (a) and 3.5.4, is amended to include new emission points and Emission Limit Values and monitoring requirements in accordance with Annex II and Annex III of MCPD.
- Table S4.1, as referenced by condition 4.2.3, is amended to include an emission to air parameter.
- Table S4.3, as referenced by condition 4.2.2 (c), is amended to include the new food waste reporting requirement
- Table S4.4, as referenced in conditions 4.2.2 (c) and 4.2.3 (b), is amended to update existing reporting forms and include the new food waste reporting form.
- Schedule 6, as referenced by condition 4.4.1, is amended to include additional interpretation.
- Schedule 7, as referenced by condition 2.2.1, is amended to include updated emission points.

The following conditions are added as a result of the application made by the operator:

- 2.3.6 For the following activities referenced in Schedule 1 Table S1.1 (AR3):
 - 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.
- 3.1.5 For the following activities referenced in schedule 1, table S1.1 (A1-A3 and A9) the first monitoring measurements shall be carried out within four months of 01/01/2030, or for the following activities referenced in schedule 1, table S1.1 (D1-D2) 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.
- 3.5.5 For MCPs specified in Schedule 1, Table S1.1 (>5MWth):
 - a) For existing MCP Monitoring measurements shall be carried out within four months of the issue date of this notice.
- 3.5.6 Monitoring of MCP shall not take place during periods of start-up or shut down.
- 4.1.3 The operator shall maintain a record of the type and quantity of fuel used and the total annual operating hours for each MCP.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/WP3639QM

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/WP3639QM/V003 authorising,

Thorntons Limited ("the operator"),

whose registered office is

**889 Greenford Road
Greenford
Middlesex
UB6 0HE**

company registration number **00174706**

to operate an installation at

**Thornton Park
Somercotes
Alfreton
DE55 4XJ**

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

Name	Date
Beccy Brough	24/10/2025

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.
- 2.3.6 For the following activities referenced in Schedule 1, Table S1.1 (AR3):
- (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.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3, tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

- 3.1.3 Total annual emissions from the emission point(s) set out in schedule 3, tables S3.1, S3.2 and S3.3 of a substance listed in schedule 3, table S3.4 shall not exceed the relevant limit in table S3.4.
- 3.1.4 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.
- 3.1.5 For the following activities referenced in schedule 1, table S1.1 (A1-A3 and A9) the first monitoring measurements shall be carried out within four months of 01/01/2030, or for the following activities referenced in schedule 1, table S1.1 (D1-D2) 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, S3.2 and S3.3;
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 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, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.
- 3.5.5 For MCPs specified in Schedule 1, Table S1.1 (>5MWth):
 - (a) For existing MCP Monitoring measurements shall be carried out within four months of the issue date of this notice.
- 3.5.6 Monitoring of MCP shall not take place during periods of start-up or shut down.

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.

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

4.2 Reporting

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

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

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

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

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

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

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately:
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;

- (b) of a breach of any permit condition the operator must immediately:
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 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)(iii)	Treatment and processing of animal and vegetable raw materials (other than milk only) with a finished production capacity in tonnes per day greater than – (aa) 75 where (the portion of animal materials in percent of weight of the finished production capacity) is equal to 10 or more.	From receipt of raw materials to dispatch of final product - chocolates and confectionery products. Production capacity is 125.32 tonnes per day.
AR2	Section 5.4 Part A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment via screening and pH balancing.	From receipt of process effluent in the effluent treatment plant to discharge to foul sewer under consent of Severn Trent Water.
Directly Associated Activity			
AR3	Electrical, steam and heat generation	<u>Medium Combustion Plant:</u> 3x 3.7MWth existing natural gas fired boilers providing steam for the steam clarifiers (A1-A3). 1x 3.6MWth existing natural gas fired CHP engine (A9). 2x 1.01MWth new natural gas fired boilers (D1-D2).	From receipt of fuels to emissions of combustion gases. From receipt of natural gas to release of combustion products to air and boiler blowdown to effluent plant. Includes oil receipt and storage. (A9)
AR4	Raw materials storage and handling	Storage and handling of raw materials and ingredients in tanks and containers, including refrigeration storage.	From receipt of raw materials to use within the installation.
AR5	Refrigeration plant and storage of final product	Refrigeration of raw material and final packaged product and operation of refrigeration plant.	From receipt of raw material or final product to dispatch from cold storage, including storage and handling of refrigeration chemicals and/or gases.
AR6	Storage and handling of chemicals	Handling and storage of chemicals for use in cleaning, fuelling and pH balancing.	From receipt of chemicals to use within the installation.
AR7	Waste storage and handling	Handling, storage, transfer and dispatch of waste from the permitting activities.	From the generation of waste to the offsite disposal/recovery of waste.
AR8	Surface water drainage	Collection and discharge of uncontaminated run-off	From collection of uncontaminated surface

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
		from roads, roofs and yards.	water to discharge off-site via site drainage system.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/WP3639QM/A001	Parts B2 and B3 of application form including technical standards listed in Table 3a of form B3 The supporting information documents referenced: • Non-technical summary • BATOT Final • Environmental Risk Assessment Final	20/04/2020
Additional information EPR/WP3639QM/A001	Email response to information request detailing • the bunding construction and volumes of various chemicals stored on site • locations of the chemical stored • monitoring of storage areas for containment leaks • spill procedures	02/07/2020
Variation application EPR/WP3639QM/V002	Part C2.5 of the application form.	10/12/2020
Variation Application EPR/WP3639QM/V003	Application forms Part C2 and C3 and supporting information	Duly Made 07/02/2025

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	--	Completed

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1-A3 as shown on site plan in Schedule 7	3x natural gas fired 3.7MWth boilers	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³ [Note 1]	Periodic	Every 3 years	MCERTS BS EN 14792
		Carbon monoxide	No limit set			MCERTS BS EN 15058
A9 as shown on site plan in Schedule 7	Natural gas fired 3.6MWth Combined Heat and Power Plant (CHP)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	95 mg/m ³ [Note 1]	Hourly average	Every 3 years	MCERTS BS EN 14792
		Carbon monoxide	No limit set			MCERTS BS EN 15058
D1-D2 as shown on site plan in Schedule 7	2x natural gas fired 1.01MWth boilers	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	100 mg/m ³	Periodic	Every 3 years	MCERTS BS EN 14792
		Carbon monoxide	No limit set			MCERTS BS EN 15058
Note 1: Emission limits and monitoring applicable from 01/01/2030.						

Table S3.2 Point Source emissions to water (other than sewer) and land						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
SW1-SW3 as shown on plan in Schedule 7. Emission to Oakerthorpe Brook via land drain	Site surface water drainage system	No parameter set	No limit set	-	-	-
SW4 as shown on plan in Schedule 7. Emission to Oakerthorpe Brook via land drain	Site surface water drainage system	No parameter set	No limit set	-	-	-

Table S3.2 Point Source emissions to water (other than sewer) and land						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
SW5 as shown on plan in Schedule 7. Emission to Oakerthorpe Brook via land drain	Site surface water drainage system	No parameter set	No limit set	-	-	-

Table S3.3 Point source emissions to sewer						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
W1 as shown on site plan in schedule 7. Emission to Severn Trent Water foul sewer	Treated process effluent from confectionery production	No parameter set	No limit set	-	-	-

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
Emissions to air Parameters as required by condition 3.5.1	D1 and D2.	Within 4 months of first being put into operation then every three years	1 January
	A1, A2, A3 and A9.	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
Finished product	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Food waste	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
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 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.

“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.

“combined heat and power” (CHP) or Cogeneration means the simultaneous generation in one process of thermal energy and electrical or mechanical energy.

“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.

“emissions to land” includes emissions to groundwater.

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

“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.

“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.

“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.

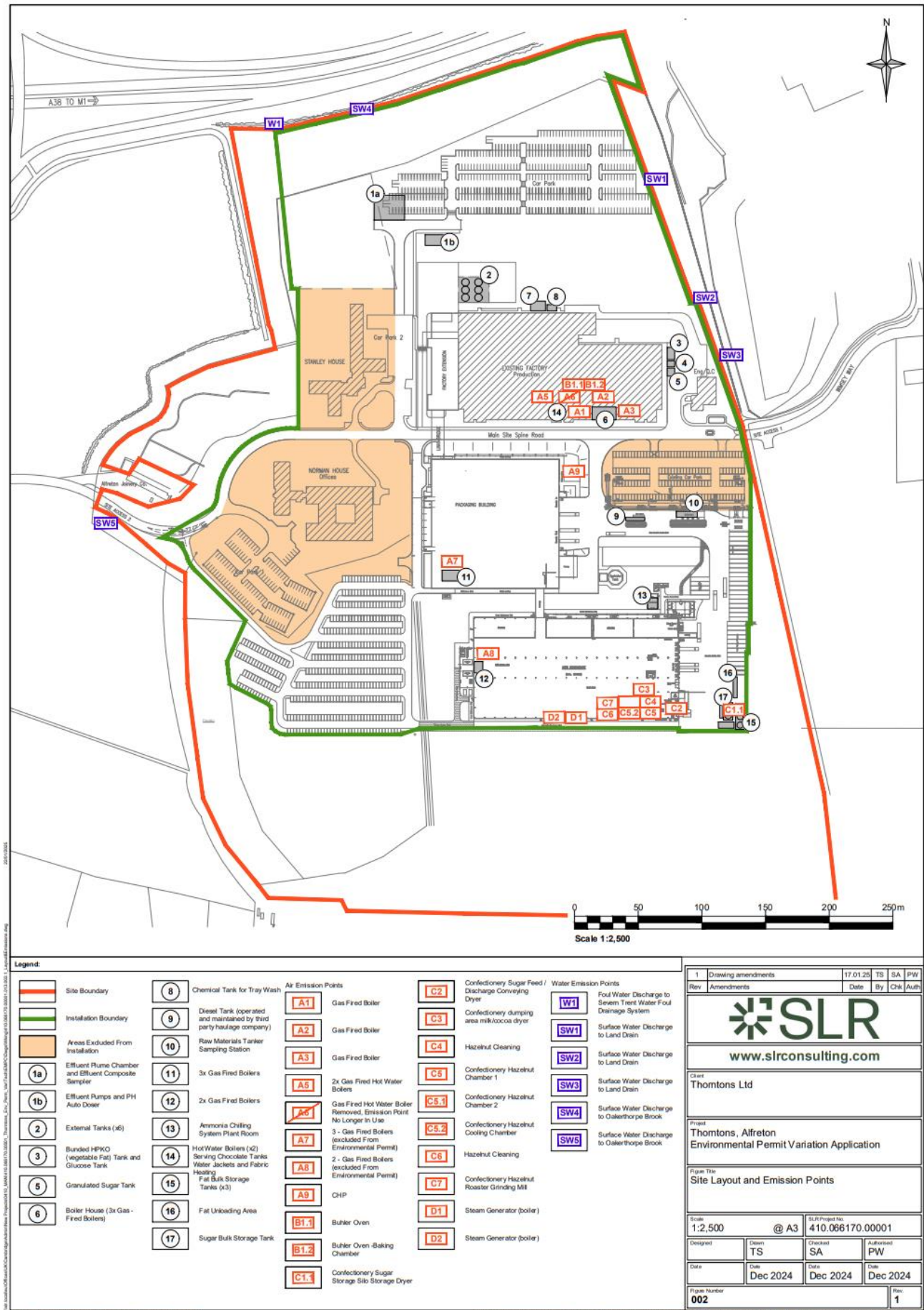
“year” means calendar year ending 31 December.

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

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

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

Schedule 7 – Site plan



END OF PERMIT