

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Walkers Snack Foods Limited

Walkers Snack Foods
11 Bursom Road
Beaumont Leys
Leicester
LE4 1BS

Variation application number

EPR/BT5890IB/V007

Permit number

EPR/BT5890IB

Walkers Snack Foods

Permit number EPR/BT5890IB

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 2030.

The schedules specify the changes made to the permit.

The Walkers Snack Foods installation manufactures approximately 92,000 tonnes per year of potato snack products from over 300,000 tonnes of raw potatoes. The products, which include Walkers Crisps, Sensations, Lites and Quaker Seasons, are packaged on site ready for storage and dispatch. The operation of the site has the following listed activities:

Section 6.8 A(1)(d)(ii) – ‘Treating and processing materials intended for the production of food products from vegetable raw materials at plant with a finished product production capacity of more than 300 tonnes per day (average value on a quarterly basis)’;

Section 5.4 A(1)(a)(ii) – ‘Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day by physico-chemical treatment’;

Section 1.1 A(1)(a)(i) – ‘Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more’.

Section 5.4 A(1) (b)(i) – ‘Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day’.

The Walkers Snack Foods installation manufactures approximately 92,000 tonnes per year of potato snack products from over 300,000 tonnes of raw potatoes. The products, which include Walkers Crisps, Sensations, Lites and Quaker Seasons, are packaged on site ready for storage and dispatch.

The overall site of approximately 16.5 hectares, includes regional warehousing and distribution facilities, which are excluded from the Installation. The facility is located at approximately 4.5 km northwest of the Leicester city centre in the Beaumont Leys industrial area surrounded by residential housing estates. The installation is centred on national grid reference (NGR) SK 57010 08540.

There are two main manufacturing areas: the Bursom Factory and the Leycroft Factory where a total of eight process lines are operated. In addition to the manufacturing operations, the Installation has the following facilities: an effluent treatment plant (ETP), starch recovery plant, nitrogen generation plant, compressed air production, filling and packaging, Clean in Place (CIP) and sanitation, raw material storage, chemical, oil and solvent storage; a steam-raising dual fuel boiler, waste storage and wash-down areas.

The manufacturing process comprises the following main activities: potato delivery and unloading; abrasive peeling; washing and sizing; slicing; washing and drying; frying; sorting; flavouring; and packaging. Pre-washed potatoes are delivered to the site in bulk trucks directly from the growers to the potato intake point at

the Leycroft Factory, which supplies both factories. Vegetable oil is delivered to the site and stored in bulk storage containers, in an area adjacent to the Leycroft factory.

The raw potatoes are unloaded from the trucks by water cannon onto a flume. Wood and stones are removed and the potatoes are mechanically elevated into peeler hoppers. Weighed quantities of potatoes are fed from the hoppers to abrasive peelers, which feed all the Installation's process lines. The peeled potatoes are washed and sized; any large potatoes are halved. The potatoes are washed again and mechanically transferred by conveyer belt to the centrifugal slicers. The sliced potatoes are washed and dried in air driers prior to frying in vegetable oil.

The fried crisps are sorted to remove any off-spec products which are used to feed the on-site anaerobic digester (AD). The crisps are then subject to various, product specific processes such as flavoured in drums, or de-oiling. The site also produces rice flour snacks which involves soaking the raw material to form a paste which is extruded into its final shape and baked in a direct flame oven prior to flavouring. Packaged product is transferred to the regional distribution facility for secondary packaging and palletisation prior to despatch.

Waste water from the slicing process is routed to starch recovery plants where white potato starch is removed for further refining. The clean water recovered from the starch plants is recycled to the potato intake and peeling process. Waste water from the intake and peeling process is routed to the ETP. Contaminated water is routed to the ETP.

The ETP discharges to sewer and the treated effluent is processed at Severn Trent Water's Wanlip sewage works, which discharges to the River Soar. The ETP provides primary treatment for the removal of solids and the fats and oils; treated water output from the ETP averages 1600 m³/day, discharged to sewer under consent from Severn Trent Water. Uncontaminated surface water is discharged via an interceptor to a tributary of Rothley Brook.

As permitted by V006, this installation is authorised to accept waste from Walkers parent company (PepsiCo) other manufacturing sites. The additional waste from off-site sources will maintain the stability of the on-site Anaerobic Digestion (AD) Plant. Due to waste reduction targets, less waste is available from the on-site manufacturing activities.

The main release points to air are from the fryers, the 4.38 MWth input steam boiler, and the 0.8 MWth input direct-fired oven. The aggregated input of the fryers is approximately 42 MWth and all seven fryers are fitted with low NO_x burners. The CHP unit has a design of 4.7MWth input. Additional emissions control measures include recirculation of both the oil entrained vapour from the fryer hoods and the combustion of exhaust gases to the burners for reburn prior to release to atmosphere. All MCPs utilise natural gas.

There are no Sites of Special Scientific Interest (SSSI's) within 2 km of the Installation. There are no European designated sites (Special Areas of Conservation or Special Protection Areas) within 10 km of the Installation.

There is a Local Nature Reserve, four Local Wildlife Sites and three Scheduled Ancient Monuments within 2km.

The Installation operates an Environmental Management System which is accredited to BS EN ISO14001 and operates under a Climate Change Levy Agreement.

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

Status log of the permit		
Description	Date	Comments
Application BT5890IB	31/03/2005	Application for vegetable processing.
Request for Further Information	02/09/2005	Responses dated 07/09/2005, 09/09/2005, 13/09/2005, 15/09/2005, 28/09/2005, 29/09/2005, 10/10/2005 and 14/10/2005.
Request for Further Information	27/09/2005	Responses dated 27/09/2005.
Request for Further Information	04/10/2005	Responses dated 05/10/2005, 10/10/2005, and 04/10/2005.
Permit determined	18/01/2006	--
Application EPR/BT5890IB/V002	25/11/2011	Application to replace the Bursom Line 2, amend emission points A26 an A27, replacement of 22 Bar boiler with a 22 Bar boiler, added NO2 limits, for emissions to air, correction of the installation boundary, EMS accreditation to ISO 14001, extension to IC4.
Request for Further Information	13/01/2012	Received 20/01/2012.
Request for Further Information	23/01/2012	Received 26/01/2012.
Variation determined	21/02/2012	--
Application EPR/BT5890IB/V003	10/07/2012	Completion IC4 in Table 1.4.1; Completion POC1 in Table 1.6.1; Emission limit for Bursom Line 2 of in Table 2.2.2; Adjustment to annual mass limit in Table 2.2.2.
Variation determined	26/07/2012	--
Agency variation determined EPR/BT5890IB/V004	04/09/2013	Agency variation to implement the changes introduced by IED.
Application EPR/BT5890IB/V005 (variation and consolidation)	Duly made 01/04/2015	Application to vary to add an AD plant and update the permit to modern conditions.
Schedule 5 notice;	24/05/2015;	Update to the OMP, clarification of water discharge, site containment and buildings.
RFI	11/06/2015	AD Containment Risk Assessment.
Variation determined EPR/BT5890IB/V005	08/07/2015	Varied and consolidated permit issued in modern condition format.
Application EPR/BT5890IB/V006 (variation and consolidation)	Duly made 04/09/2019	Application to vary the permit to include waste acceptance from off-site manufacturing.
Additional information received	31/01/2020	A copy of WAMITAB certificate.
Variation determined EPR/BT5890IB (Billing ref. FP3601PE)	06/02/2020	Varied permit issued.
Application EPR/BT5890IB/V007 (variation and consolidation)	Regulation 61 Notice response received 28/10/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Additional information received	04/10/2023	Information requested in relation to Reg.61 Response Tool concerning BATc 4, BATc 9, Containment, Medium Combustion Plant Directive.

Status log of the permit		
Description	Date	Comments
Additional information received	09/10/2023	Information requested in relation to Containment, Medium Combustion Plant Direct, updated emission points map.
Additional information received	24/10/2023	Information requested in relation to updated emission points map.
Variation determined and consolidation issued EPR/BT5890IB (Billing ref. LP3620PY).	25/01/2024	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/BT5890IB

Issued to

Walkers Snack Foods Limited (“the operator”)

whose registered office is

450 South Oak Way

Green Park

Reading

RG2 6UW

company registration number 02333074

to operate a regulated facility at

Walkers Snack Foods

11 Bursom Road

Beaumont Leys

Leicester

LE4 1BS

to the extent set out in the schedules.

The notice shall take effect from **25/01/2024**.

Name	Date
Beccy Brough	25/01/2024

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/BT5890IB

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BT5890IB/V007 authorising,

Walkers Snack Foods Limited (“the operator”),

whose registered office is

**450 South Oak Way
Green Park
Reading
RG2 6UW**

company registration number 02333074

to operate an installation at

**Walkers Snack Foods
11 Bursom Road
Beaumont Leys
Leicester
LE4 1BS**

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

Name	Date
Beccy Brough	25/01/2024

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.

1.1.4 The operator shall comply with the requirements of an approved competence scheme

1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 The activities shall be undertaken in accordance with best available techniques.
- 2.1.3 All process plant and equipment shall be commissioned, operated and maintained and shall be fully documented and recorded in accordance with the manufacturer’s recommendations.
- 2.1.4 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 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, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1 (AR8) the first monitoring measurements shall be carried out within four months of 01/01/2030 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, but including ammonia) 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.
- 3.2.4 The operator shall implement a leak detection and repair (LDAR) programme to detect and mitigate the release of volatile organic compounds, including methane from diffuse sources.

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.

3.4 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;
- (b) process monitoring specified in table S3.4;

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, S3.3 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 Following the detection of an issue listed in condition 4.3.1, the operator shall review and revise the management system and implement any changes as necessary to minimise the risk of re-occurrence of the issue.

4.3.4 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.

4.3.5 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.

4.3.6 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.

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

4.3.8 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 and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 6.8 A(1)(d)(ii)	Treating and processing materials intended for the production of food products from vegetable raw materials at plant with a finished product production capacity of more than 300 tonnes per day.	From Receipt of raw materials to warehousing of finished products of potato crisps and snacks. Production capacity is limited to 461 tonnes per day.
AR2	Section 5.4 A(1)(a)(ii)	Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment of waste.	Operation of the Effluent Treatment Plant (ETP) for the control of releases to sewer. Collection and treatment of process effluent prior to discharge to sewer. Daily volume of treated effluent discharge is 1,600m ³ per day.
AR3	Section 1.1 A(1)(a)	Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more.	Frying and operation of the steam-raising boiler and the direct flame oven. Processing activities from receipt of sliced and washed, raw material to production of final product; combustion units 53 MWth.
AR4	Section 5.4 A(1)(b)(i)	Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment.	Recycling/reclamation of organic substances which are not used as solvents. From treatment of waste (shredding) through to digestion and recovery of by-products (digestate). Anaerobic digestion of waste in a digester tank followed by burning of biogas produced from the process. Treatment capacity of 153,8 tonnes per day.
Directly Associated Activity			
AR5	Steam, Heat and electrical power supply	Medium Combustion plants: 4.7 MWth gas-fired CHP: 4.7MWth – Biogas fired.	From receipt of fuel to release of products of combustion to air.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		Boiler 1: 4.4MWth - Natural gas fired. Gas oil used for emergencies.	Gas oil for back-up use is limited to operate for the purpose of testing for no more than 50 hours per year and no more than 500 hours operation in an emergency.
AR6	Raw material storage and handling.	Storage and handling of raw materials at the installation.	From receipt of raw materials to dispatch of final product.
AR7	Storage and use of chemicals, fuel, and oils.	Storage and use of chemicals, fuel, and oils at the installation.	From receipt of chemicals, fuel, and oils to disposal of wastes arising.
AR8	Waste storage and handling.	Storage and handling of waste materials.	From generation of waste to storage pending removal for disposal or recovery.
AR9	Nitrogen generation.	Operation of nitrogen generation and supply systems.	From generation of Nitrogen to disposal of wastes arising.
AR10	CIP and other cleaning systems.	Operation of CIP and techniques during/after production.	Cleaning activities during/after production runs, including disposal of waste arisings.
AR11	Supply of utilities and services such as electricity and compressed air.	Operation of site systems for the supply of utilities and services such as electricity and compressed air.	Site utility and services systems as far as the Installation boundary.
AR12	Emergency flare operation	Incineration on land	Undertaken in relation to Activity AR2. From the receipt of biogas produced at the on-site anaerobic digestion process to incineration with the release of combustion gases. Use of one auxiliary flare required only during periods of breakdown or maintenance of the CHP engine.
AR13	Digestate storage	Operation of digestate generation and supply systems.	Undertaken in relation to Activity AR2. From the receipt of digestate produced from the on-site anaerobic

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			digestion process to despatch for use off-site.
AR14	Physical treatment for the purpose of recycling	<p>Pre-treatment of waste (shredding) in enclosed building and on impermeable surface with sealed drainage system.</p> <p>Post-treatment of digestate (centrifuge or pressing) in an enclosed building and on an impermeable surface with sealed drainage system.</p> <p>Gas cleaning by biological or chemical scrubbing.</p>	From the receipt of waste to despatch for anaerobic digestion or despatch off site for recovery.
AR15	Biogas storage	Storage of waste pending any of the operations numbered R1 to R13 (excluding temporary storage, pending collection, on the site where it is produced)	<p>Undertaken in relation to Activity AR2</p> <p>From the receipt of biogas produced at the on-site anaerobic digestion process to despatch for use within the facility.</p> <p>Storage of biogas produced from on-site anaerobic digestion of permitted waste in roof space of digester.</p>
AR16	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.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1 and 2.2 given in sections B2.1 and B2.2 of the application.	31/03/2005
Variation Application	Responses to Part C3 of the Application	30/11/2011
Additional Information	Amendments to response to Q2 of Part C3 of the application concerning proposed emission limits to air	20/01/2001
Additional Information	Revised site layout plan identifying source emission points to air, water and sewer.	26/01/2012
Variation application EPR/BT5890IB/V005	Application form part C3, section 3a Technical Standards; Appendix 3 AD Feedstock	01/04/2015
Schedule 5 dated 12/05/2015, including	Response to Schedule 5: Odour Management Plan	24/05/2015

Table S1.2 Operating techniques		
Description	Parts	Date Received
request for revised Odour Management Plan.	Site Containment Measures	
RFI dated 08/06/2015	AD Containment Risk Assessment	11/06/2015
Variation Application EPR/BT5890IB/V006	Sheet 3 – Permit Variation Additional Information	04/09/2019
Regulation 61 (1) Notice – Responses to questions dated 09/06/2022	All parts	Received 28/10/2022
Regulation 61(1) Notice – request for further information dated 06/09/2023	Technical standards in relation to Best available techniques as described in BAT conclusions under Directive 2010/75/EU of the European Parliament and of the Council on establishing best available techniques (BAT) conclusions for the food, drink and milk industries, BAT Conclusions Numbers 4 and 9 in addition to non-native BAT for Containment and Medium Combustion Plant Directive.	Received 04/10/2023
Regulation 61(1) Notice – request for further information dated 04/10/2023	Information requested in relation to Containment and Medium Combustion Plant Direct.	Received 09/10/2023
Regulation 61(1) Notice – request for further information dated 09/10/2023	Information requested in relation to updated emission points map.	Received 24/10/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1 – IC7	--	Completed
IC8	<p>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).</p> <p>A stage 1-3 assessment should be completed (as detailed within the EC Commission Guidance 2014/C 136/-3) as follows;</p> <p>Stage 1 – Identify hazardous substance(s) used / stored on site.</p> <p>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).</p> <p>Stage 3 – Identify if pollution prevention measures & drains are fit for purpose in areas where hazardous substances are used / stored.</p> <p>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.</p>	6 months from permit issue 22/07/2024 or other date as agreed in writing with the Environment Agency

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC9	<p>The operator shall produce a climate change adaptation plan, which will form part of the EMS.</p> <p>The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> • Details of how the installation has or could be affected by severe weather; • The scale of the impact of severe weather on the operations within the installation; • An action plan and timetable for any improvements to be made to minimise the impact of severe weather at the installation. <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	<p>12 months from permit issue</p> <p>22/01/2025</p> <p>or other date as agreed in writing with the Environment Agency</p>
IC10	<p>The Operator shall undertake a survey of the primary, secondary and tertiary containment at the site and review measures against relevant standard including:</p> <ul style="list-style-type: none"> • 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 <p>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</p> <ul style="list-style-type: none"> • current containment measures • any deficiencies identified in comparison to relevant standards, • improvements proposed • time scale for implementation of improvements <p>The operator shall implement the proposed improvements in line with the timescales agreed by the Environment Agency.</p>	<p>6 months from permit issue</p> <p>22/07/2024</p> <p>or other date as agreed in writing with the Environment Agency</p>
IC11	<p>The operator shall submit a written ‘underground structures plan’ and shall obtain the Environment Agency’s written approval to it. The plan shall contain the results of a review conducted, by a competent person, in accordance with the risk assessment methodology detailed within CIRIA C736 (2014) guidance, of the condition and extent of secondary and tertiary containment systems where all polluting liquids and solids are being stored.</p> <p>The review shall include, but not be limited to, the following for all underground structures at the installation;</p> <ul style="list-style-type: none"> • The physical condition of all underground structures; • The suitability of providing containment when subjected to the dynamic and static loads caused by the vessels’ contents; • A preventative maintenance inspection regime. <p>The plan must contain dates for the implementation of individual improvement measures necessary for the underground structures to adhere to the standards detailed/referenced within CIRIA C736 (2014) guidance, or equivalent.</p> <p>The plan shall be implemented in accordance with the Environment Agency’s written approval.</p>	<p>6 months from permit issue</p> <p>22/07/2024</p> <p>or other date as agreed in writing with the Environment Agency</p>
Improvement condition to address methane slip emissions from gas engines burning biogas		
IC12	<p>The operator shall establish the methane emissions in the exhaust gas from engines burning biogas and compare these to the manufacturer’s specification and benchmark levels agreed in writing with the Environment Agency. The operator shall, as part of the methane leak detection and repair (LDAR) programme, develop proposals to assess the potential for</p>	<p>12 months from permit issue</p> <p>22/01/2025</p>

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	methane slip and take corrective actions where emissions above the manufacturer's specification or appropriate benchmark levels are identified.	or other date as agreed in writing with the Environment Agency

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
POC 1	Prior to the commissioning of the replacement Bursom Line 2, the Operator shall submit a written report to the Environment Agency detailing the assessment of impacts of NOx emissions to air arising from the site on Human receptors within 2km of the installation. Commissioning of the line shall proceed in accordance with the written approval of the Environment Agency.	Completed 09/07/2012.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Gas oil	Less than 0.1% sulphur content

Table S2.2 Permitted waste types and quantities for anaerobic digestion	
Maximum quantity	Annual throughput shall not exceed 56,500 tonnes
Waste code	Description
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation; grey starch waste produced from manufacture of crisps / snacks only
02 03 04	materials unsuitable for consumption or processing; potato peel, crisps and fines waste produced from manufacture of crisps / snacks only
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 25	edible oil and fat; oil waste produced from manufacture of crisps / snacks only

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
Point A8 on Site Plan in Schedule 7	Boiler 1 (22 Bar Steam Boiler) Natural gas fired	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	170 mg/m ³	Periodic	Every three years ^[Note 1]	BS EN 14792
		Carbon monoxide	No limit ^[Note 1]	Periodic	Every three years ^[Note 1]	MCERTS BS EN15058
	Boiler 1 (22 Bar Steam Boiler) Gas oil fired ^[Note 2]	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	200 mg/m ³ ^[Note 1]	Periodic	Every three years ^[Note 1]	BS EN 14792
		Carbon monoxide	No limit ^[Note 1]	Periodic	Every three years ^[Note 1]	MCERTS BS EN15058
Point A17 on Site Plan in Schedule 7	Leycroft Line 1 fryer burner 6.6 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	240 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792
Point A18 on Site Plan in Schedule 7	Leycroft Line 2 fryer burner 8 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	240 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792
Point A19 on Site Plan in Schedule 7	Leycroft Line 3 fryer burner 9 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	240 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792
Point A26 on Site Plan in Schedule 7	Bursom Line 1 fryer burner 5.9 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	90 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792
AB2 on Site Plan in Schedule 7	Bursom Line 2 fryer burner 5 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	150 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792

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
Point A27 on Site Plan in Schedule 7	Bursom Line 4 fryer burner 8 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	90 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792
Point A28 on Site Plan in Schedule 7	Bursom Line 5 fryer burner 7.7 MWth Natural gas fired	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	175 mg/m ³	Hourly average - min 4hr period	Annual	BS EN 14792
A29 on site plan in Appendix 5 of application EPR/BT5890IB /V005	CHP Engine Exhaust [Note 5]	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³	Periodic	Every three years	BS EN 14792
		Sulphur dioxide	60 mg/m ³			BS EN 14791
		Carbon Monoxide	520 mg/m ³			BS EN 15058
		Total VOCs	370 mg/m ³			BS EN 12619:2013
A30 on site plan in Appendix 5 of application EPR/BT5890IB /V005	Emergency Flare stack [Note 6]	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	150 mg/m ³	Hourly average	Annual calculation [Note 4]	Mass Balance [Note 3]
		Carbon Monoxide	50 mg/m ³	Hourly average	Annual	BS EN 15058
		Total VOCs	10 mg/m ³	Hourly average	Annual	BS EN 12619:2013
A8, A29, A30 on Site Plan in Schedule 7	Leycroft Lines 1, 2, 3 and Bursom Lines 1, 2, 4, 5, 6.	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	102,270 Kg Annual Mass Emission Limit (8,766Hrs)	--	Annual	As agreed with the Environment Agency
Pressure relief valves	Digester/Digestate storage tank	No parameter set	No limit set	--	Record of operating hours	As agreed with the Environment Agency

Note 1: The emission monitoring/limits requirements apply from 1 January 2030, unless otherwise advised by the Environment Agency or if the Boiler and/or the CHP is replaced.

Note 2: Emission limit and monitoring requirements apply when 500 hours per year of burning gas oil of have elapsed.

Note 3: Method of calculation of Annual Mass Emission Limit shall be agreed in writing with the Agency.

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
<p>Note 4: Monitoring to be undertaken in the event the emergency flare has been operational for more than 10 per cent of a year (876 hours). Record of operating hours to be submitted annually to the Environment Agency.</p> <p>Note 5: These limits are based on normal operating conditions and load - temperature 0°C (273K); pressure: 101.3 kPa and oxygen: 15 per cent (dry gas). The measurement uncertainty specified in LFTGN08 v2 2010 shall apply.</p> <p>Note 6: These limits are based on normal operating conditions and load - temperature 0°C (273K); pressure: 101.3 kPa and oxygen: 3 per cent (dry gas). The measurement uncertainty specified in LFTGN05 v2 2010 shall apply.</p>						

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
W2 on site plan in schedule 7 emission to surface water tributary of the Rothley Brook	Uncontaminated surface water run-off from site drainage system, including process area	No parameters set	No limit set	--	--	--

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
S2 [Point S2 on site plan in schedule 7] emission to Severn Trent Water Ltd.	Process effluent from the effluent treatment plant	No parameters Set	No limit set	--	--	--

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Biogas in digester	Flow	Continuous	In accordance with EU weights and measures Regulations	Process monitoring to be recorded using a SCADA system where relevant.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
	Methane	Continuous	None specified	Gas monitors to be calibrated every 6 months or in accordance with the manufacturer's recommendations
	CO ₂	Continuous	None specified	
	O ₂	Continuous	None specified	
	Hydrogen sulphide	Continuous	None specified	
	Pressure	Continuous	None specified	
Digester and storage tank	Odour	Daily	Olfactory monitoring	Odour detection at the site boundary
	Integrity checks	Weekly	Visual assessment	In accordance with design specification and tank integrity checks.
Diffuse emissions from all sources identified in the Leak Detection and Repair (LDAR) programme	VOCs including methane	Every 6 months or otherwise agreed in accordance with the LDAR programme	BS EN 15446 In accordance with the LDAR programme	Monitoring points as specified in a DSEAR risk assessment and LDAR programme. Limit as agreed with the Environment Agency as a percentage of the overall gas production.
Emergency flare	Operating hours	Continuous	Recorded duration and frequency. Recording using a SCADA system or similar system	Date, time and duration of use of auxiliary flare shall be recorded.
	Quantity of gas sent to emergency flare			Quantity can be estimated from gas flow composition, heat content, ratio of assistance, velocity, purge gas flow rate, pollutant emissions.
Pressure relief valves and vacuum systems	Gas pressure	Continuous	Recording using a SCADA system	Continuous gas pressure shall be monitored.
	Re-seating	Weekly inspection	Visual	Operator must ensure that valves are re-seated after release in accordance with the manufacturer's design.
	Inspection, maintenance,	Following foaming or overtopping or	Written scheme of	After a foaming event or sticking, build-up of

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
	calibration, repair and validation	at 3 yearly intervals whichever is sooner	examination in accordance with condition 1.1.1	debris, obstructions or damage, operator must ensure that pressure relief valve function remains within designed gas pressure in accordance with the manufacturer's design by suitably trained and qualified personnel.
	Inspection, calibration and validation report	In accordance with design and construction specifications or after over topping or foaming event	Written scheme of examination in accordance with condition 1.1.1	Operator must ensure that valves are re-seated after release, after a foaming event or sticking, build-up of debris, obstructions or damage. Operator must ensure that PRV function remains within designed operation gas pressure in accordance with the manufacturer's design by suitably trained/qualified personnel. Inspection, calibration and validation report. In accordance with industry Approved Code of Practice
Storage lagoons and storage tanks	Volume	Daily	Visual or flow metre measurement	750 mm freeboard must be maintained for storage lagoons. Records of volume must be maintained.
Scrubber / Carbon filtration system	Key process parameters to include pH, temperature and air flow	In accordance with manufacturer's recommendations	None specified	Odour abatement system shall be regularly checked and maintained to ensure appropriate temperature and moisture content. Carbon filter(s) to be replaced when saturated in accordance with manufacturer's recommendations

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	As specified in table S3.1	Every 12 months	1 January
Parameters as required by condition 3.5.1	A8 - Carbon monoxide	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
	A8 – after 500h of burning gas oil have passed		
Process monitoring – digester tank integrity Parameters as required by condition 3.5.1	As specified in schedule 3 table S3.4	Every 5 years from the date of commissioning or as per the manufacturer's recommendation, whichever is sooner	1 January
Process monitoring – under and over pressure relief systems Parameters as required by condition 3.5.1	As specified in schedule 3 table S3.4	Every 12 months Yearly summary report of over-pressure and under-pressure events detailing mass balance release	1 January
Process monitoring – leak detection and repair (inspection, calibration and maintenance) Parameters as required by condition 3.5.1	As specified in schedule 3 table S3.4	Every 3 years	1 January
Process monitoring – use of emergency flare Parameters as required by condition 3.5.1	As specified in schedule 3 table S3.4	Every 12 months	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
Total site production (Finished products)	tonnes
Electricity generated	MWh
Whole digestate	tonnes
Liquid digestate	m ³
solid digestate	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Specific energy consumption (yearly average)	Annually	MWh/ tonne of products
Waste	Annually	tonnes
COD efficiency	Annually*	COD te/te product
Food waste	Annually	Tonnes
Emergency flare operation	Annually	hours
Electricity exported	Annually	MWh
Biomethane exported	Annually	tonnes or m ³
CHP engine usage	Annually	hours
CHP engine efficiency	Annually	%
*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
Process monitoring	Form process 1 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
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
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.

“anaerobic digestion” means a process of controlled decomposition of biodegradable materials under managed conditions where free oxygen is absent, at temperatures suitable for naturally occurring mesophilic or thermophilic anaerobes and facultative anaerobe bacteria species, which convert the inputs to a methane-rich biogas and whole digestate.

“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.

“digestate” means material resulting from an anaerobic digestion process.

“disposal” means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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 or background concentration 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.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“Leak detection and repair (LDAR) programme” means a structured approach to reduce fugitive emissions of organic compounds by detection and subsequent repair or replacement of leaking components. Currently, sniffing (described by EN 15446) and optical gas imaging methods are available for the identification of leaks as set out in BAT 14 and section 6.6.2 of the Waste Treatment BAT Conclusions.

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

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

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

“Pests” means Birds, Vermin and Insects.

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

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

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

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

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from 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.

