

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Refresco Drinks UK Limited

Refresco Bondgate
Bondgate
Knottingly Road
Pontefract
West Yorkshire
WF8 2LH

Variation application number

EPR/BN5637IW/V006

Permit number

EPR/BN5637IW

Refresco Bondgate

Permit number EPR/BN5637IW

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 (Boiler 1).

The schedules specify the changes made to the permit.

The main features of the permit are as follows.

Refresco Bondgate is an installation located in east Pontefract, West Yorkshire. The site covers an area of approx.4.25 hectares. The Installation produces carbonated soft drinks for the retail market. All products are packaged in aluminium cans. The site requires a Part A environmental permit under the following regulations:

Section 6.8, Part A(1) (d) (ii): 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) - only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day

There is an effluent treatment system on site. Due to the capacity, this is also a listed activity in its own right:

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.

The following directly associate activities also occur onsite:

1. Two boilers (Totalling 9.4 MWTh) for process heating, which is operated on natural gas. The boilers are run on a 1 x duty, 1 x standby basis;
2. Process cooling;
3. Water treatment for product water and boiler / cleaning water. Treatment consists of micro filtering and sterilisation;
4. Storage and handling of chemicals, ingredients and other raw materials;
5. Cleaning of packaged product and CiP for equipment;
6. Waste handling and storage;

Packaging (cardboard, aluminium cans, and shrink wrap) and containers (barrels, bags, and IBC's) of ingredients are delivered to the main warehouse. Bulk ingredients (including sugar, juices, citric acid, liquid nitrogen and carbon dioxide) are delivered direct to bulk storage tanks and IBC's of flavours and essences that contain flammable substances are delivered to a separate designated storage area.

The initial step of the production process involves preparation of the ingredients. Sugar is blown to the dissolver where it is mixed with water at 50°C. The sugar solution is then transferred to the sugar storage tank. Dry ingredients are decanted into plastic bags and are then labelled for use in the syrup mixing room. . The prepared ingredients are transferred by pipe work into the mixing vessels in the syrup mixing room. The prepared liquids are then piped to the 4 production lines as required for canning. The syrup is filtered and pasteurised and then transferred to the can. For carbonated drinks, water and CO₂ are added. The cans are then sealed and packaged for retail sale. Canned drinks are pasteurised after sealing. The packaged products are then either transferred to storage or are despatched direct to the retailer.

The main environmental impacts from these processes result from energy use and air emissions from steam boilers, water consumption for product and process cleaning, process cooling, process effluent, waste packaging and out of specification product. Uncontaminated surface water from the site discharges to the Wash Dyke Beck, which is a controlled water, and to a soakaway located at the back of the boiler house.

There are no Sites of Special Scientific Interest (SSSI) within 2 km of the Installation and no European designated sites e.g., Special Protection Areas (SPAs) for birds within 10 km.

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 received EPR/BN5637IW/A001 | Duly made 18/03/05 | |
| Response to request for information | 08/09/05 | |
| Permit determined EPR/BN5637IW | 17/11/05 | |
| Variation Notice EPR/BN5637IW/V002 | 05/08/08 | |
| Variation application EPR/BN5637IW/V003 | Duly made 09/08/11 | |
| Additional information received | 10/10/11 | Schedule 5 response |
| Additional information received | 02/11/11 | Email: thermal input of remaining boiler and production capacity of each line |
| Variation determined EPR/BN5637IW/V003 | 07/12/11 | Varied permit issued. |
| Agency variation determined EPR/BN5637IW/V004 | 06/02/14 | Environment Agency variation to implement the changes introduced by IED |
| Application EPR/BN5637IW/V005 (variation and consolidation) | Duly made 14/07/17 | Application to vary and update the permit to modern conditions. |
| Variation determined EPR/BN5637IW | 04/09/17 | Varied permit issued. |
| Application EPR/BN5637IW/V006 (variation and consolidation) | Regulation 61 Notice response received 11/03/22 | Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review. |
| Variation determined and consolidation issued EPR/BN5637IW (Billing ref. DP3546QS). | 07/02/24 | 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/BN5637IW

Issued to

Refresco Drinks UK Limited (“the operator”)

whose registered office is

Citrus Grove

Sideley

Kegworth

Derby

DE74 2FJ

company registration number 02836071

to operate a regulated facility at

Refresco Bondgate

Knottingly Road

Pontefract

West Yorkshire

WF8 2LH

to the extent set out in the schedules.

The notice shall take effect from 07/02/2024

| Name | Date |
|----------------|------------|
| Peter Maksymiw | 07/02/2024 |

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/BN5637IW

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BN5637IW/V006 authorising,

Refresco Drinks UK Limited (“the operator”),

whose registered office is

Citrus Grove

Sideley

Kegworth

Derby

DE74 2FJ

company registration number 02836071

to operate an installation at

Refresco Bondgate

Knottingly Road

Pontefract

West Yorkshire

WF8 2LH

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

| Name | Date |
|----------------|------------|
| Peter Maksymiw | 07/02/2024 |

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.

1.2 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 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.

2.3.4 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 (AR6 Boiler 1) 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) 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.

3.6 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.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the

relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

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

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

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

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

| Table S1.1 activities | | | |
|-------------------------------------|--|---|---|
| Activity reference | Activity listed in Schedule 1 of the EP Regulations | Description of specified activity | Limits of specified activity |
| AR1 | Section 6.8 Part A(1) (d)(ii) | Treating and processing for the production of food from only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day. | Manufacture carbonated and non-carbonated soft drinks, including pasteurisation. Production capacity is limited to 300 tonnes per day. |
| AR2 | Section 5.4 Part A1 (a) (ii) | Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment. | Collection and treatment of process effluent prior to discharge to foul sewer. |
| Directly Associated Activity | | | |
| AR3 | Storage and handling of ingredients, chemical and other raw material. | Storage and handling of ingredients, chemical and other raw materials. | From receipt and storage of materials to transfer to process area. |
| AR4 | Storage and handling of waste materials. | Storage and handling of waste materials arising from processing activities according to category, including preparation for disposal or recovery. | From generation of waste materials to despatch for disposal or recovery. |
| AR5 | Cleaning of process equipment. | Cleaning of process equipment according to hygiene requirements, using proprietary chemicals cleaning system. | Cleaning activities during/after production runs, including disposal of waste arising. |
| AR6 | Natural gas boilers for the production of electricity, steam, process cooling and hot water. | Operation of 2 boilers each with a thermal input rating of 4.7 MWth fuelled by natural gas running on a 1 x duty and 1 x stand-by basis. | From receipt of fuel (natural gas), to release of combustion products to air. |
| AR7 | Refrigeration | Chiller units | From receipt of refrigerant until used to chill product. |
| AR8 | Water Treatment | Water treatment for product water and boiler / cleaning water. Treatment consists of micro filtering and sterilisation. | From production of treated water to use in process. |

| Table S1.2 Operating techniques | | |
|---|---|-----------------------------------|
| Description | Parts | Date Received |
| Application | The response to questions 2.1 and 2.2 are given in Sections B2.1 and B2.2, pages 9 to 32 of the application. | 18/03/2005 |
| Variation application (EPR/BN5671IW/V003) | The response to questions 3b and 3c in Application Form Part C3 | 09/08/2011 |
| Schedule 5 notice response | The response to question 2 in the Schedule 5 notice | 10/10/2011 |
| Variation Application EPR/BN5637IW/V005 (PAS Billing JP3938YL) | Responses to Part C2 and Part C3 of the application forms and supporting documents. | 14/07/2017 |
| Regulation 61 (1) Notice – Responses to questions dated 09/11/2021 | All parts | Received 11/03/2022 |
| Regulation 61(1) Notice – request for further information dated 29/11/2023 & 29/12/2023 | 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 1 and RHS information. | Received 13/12/2023 02/01/2024 |

| Table S1.3 Improvement programme requirements | | |
|--|---|---|
| Reference | Requirement | Date |
| IC13 | <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 date of permit issue: 07/02/2024 |
| IC14 | <p>The operator shall submit, for approval by Environment Agency, a report demonstrating achievement of the 'Narrative' BAT where BAT was not demonstrated to be achieved in the Regulation 61 response. The report shall include, but not be limited to, the following:</p> <p>Methodology applied for achieving BAT Demonstrating that BAT has been achieved.</p> <p>The report shall address the BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 10.</p> | 1 month from permit issue: 07/02/2024 |

| Table S1.3 Improvement programme requirements | | |
|--|---|-------------|
| Reference | Requirement | Date |
| | Refer to BAT Conclusions for a full description of the BAT requirement. | |

Schedule 2 – Waste types, raw materials and fuels

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

Schedule 3 – Emissions and monitoring

| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|--|---|---|-------------------------------|-------------------------|-----------------------------|--------------------------------------|
| A1 [Point A1 on site plan in Schedule 7] | Boiler 1: 1 x gas fired boiler rated at 4.7 MWth input (Note 1) | Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂) | 250 mg/m ³ | Periodic | Every three years | BS EN 14792 |
| | | Carbon monoxide | No limit set | Periodic | Every three years | BS EN 15058 |
| A2 [Point A2 on site plan in schedule 7] | Boiler 2: 1 x gas fired boiler rated at 4.7 MWth input | Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂) | 100 mg/m ³ | Periodic | Every three years | BS EN 14792 |
| | | Carbon monoxide | No limit set | Periodic | Every three years | BS EN 15058 |
| Note 1 - Emission limit and/or monitoring requirements apply from 1 January 2030 | | | | | | |

| Emission point ref. & location | Source | Parameter | Limit (incl. unit) | Reference Period | Monitoring frequency | Monitoring standard or method |
|---|--|------------------|---------------------------|-------------------------|-----------------------------|--------------------------------------|
| W1 on site plan in schedule 7 emission to surface water via Wash Dyke | Drainage of uncontaminated surface water from site | -- | -- | -- | -- | -- |
| WL1 on site plan in schedule 7 emission to land via soakaway | Drainage of rain water from bunded area containing water tanks | -- | -- | -- | -- | -- |

**Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site—
emission limits and monitoring requirements**

| Emission point ref. & location | Source | Parameter | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|--|---|------------------|-----------------------------------|-----------------------------|---------------------------------|--|
| S1 on site plan in schedule 7 emission to Yorkshire Water Services Limited | Primary effluent treatment plant | -- | -- | -- | -- | -- |

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
|--|--|---|---|
| Emissions to air Parameters as required by condition 3.5.1. | A1 | 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 |
| | A2 | Every three years | 1 January |

| Parameter | Units |
|------------------|--------|
| Total Production | tonnes |

| Parameter | Frequency of assessment | Units |
|---|-------------------------|-------------------------------|
| Water usage including: Potable water usage per tonne of product | Annually | m ³ /tonne product |
| Energy usage including: <ul style="list-style-type: none"> Specific energy consumption per tonne product Primary carbon dioxide per tonne product | Annually | MWh/tonne |
| | Annually | tonne |
| Waste disposal and/or recovery. | Annually | tonnes |

| Parameter | Reporting form | Form version number and date |
|------------------------------|---|------------------------------|
| 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 | |
| Measures taken, or intended to be taken, to stop the emission | |

| | |
|---|---------------------|
| (b) Notification requirements for the breach of a limit | |
| To be notified within 24 hours of detection unless otherwise specified below | |
| Time periods for notification following detection of a breach of a limit | |
| Parameter | Notification period |
| | |
| | |
| | |

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| (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. | |

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|--|--|
| (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

| | |
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| Any more accurate information on the matters for notification under Part A. | |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | |
| The dates of any unauthorised emissions from the facility in the preceding 24 months. | |

| | |
|-----------|--|
| Name* | |
| Post | |
| Signature | |
| Date | |

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

“Pests” means Birds, Vermin and Insects.

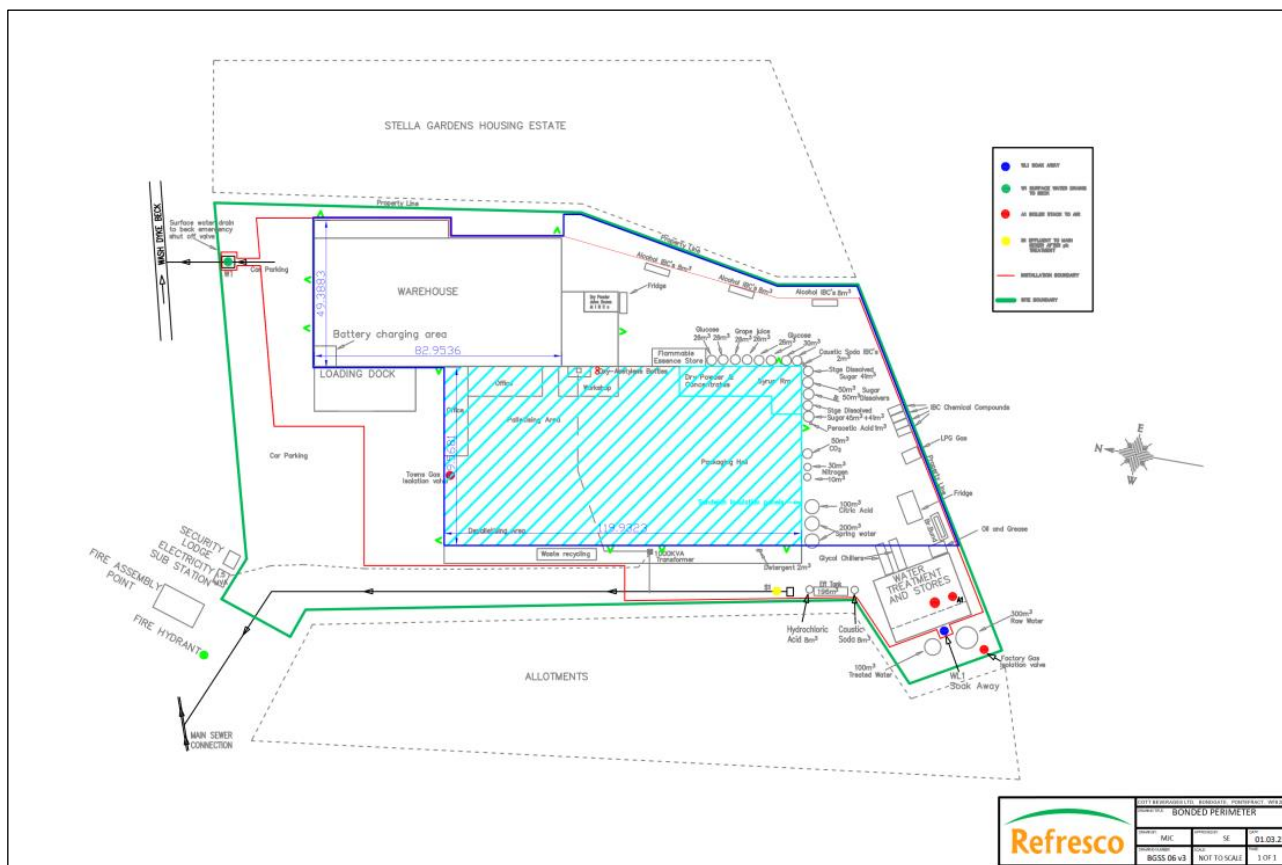
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



END OF PERMIT