

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

**Encirc Limited** 

Elton Beverages Ash Road Elton Cheshire CH2 4LF

Variation application number

EPR/UP3935LR/V007

Permit number

EPR/UP3935LR

# Elton Beverages Permit number EPR/UP3935LR

## 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 4<sup>th</sup> December 2019 in the official journal of the European Union.

We have implemented the requirements of the Medium Combustion Plant directive, and incorporated postdated requirements for 2025 and 2030.

The schedules specify the changes made to the permit.

The main features of the installation

Elton Beverage installation is located on Ash Road, Elton, the site is centred at NGR SJ 45792 76367. The installation is operated by Encirc Limited they operate the wider site which includes the production of glass containers (not part of the installation). The installations itself includes the filling and pasteurisation of the glass containers with wine, beer, flavoured alcoholic and non-alcoholic beverages.

The Environmental Permitting is for the following scheduled activities:

Section 6.8 Part A(1)(d)(ii) – the treatment and processing for the production of food from only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day.

Section 5.4 Part A(1)(a)(i) - Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving biological treatment.

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 site has six processing lines with a production capacity in beverages of 20.8 million litres per month. The installation is limited to produce up to 685 tonnes per day, with manufacturing carried out up to 24 hours per day, 7 days per week.

There are emissions to air of oxides of nitrogen and carbon monoxide from the three steam generating boilers each boiler has a thermal input capacity of 6MWth and are fuelled on natural gas. In addition to the combustion gases from the three back-up generators each has a thermal input capacity of 1.2MWth and are fuelled on diesel.

Effluent from the beverages process on site fills the balance tank of the effluent treatment plant (ETP) which controls the flow to the subsequent aerobic biological treatment. Effluent from the ETP is discharged to the attenuation pond at emission point WHF1, where it mixes with other site drainage, and it is then discharged via the reedbed to receiving water body at emission point W7.

The Mersey Estuary Special Protection Area (SPA) and Ramsar and Midland Meres & Mosses – Phase 1 Ramsar are located within 10 km of the installation. The Mersey Estuary Site of Special Scientific Interest (SSSI) and two local wildlife sites are located within 2 km of the installation.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application received EPR/UP3935LR/A001	Duly made 24/03/2006	Application for food and drink installation.
Additional information received	21/07/2006	
Additional information received	28/07/2006	
Additional information received	31/07/2006	
Additional information received	15/08/2006	
Permit determined EPR/UP3935LR	15/09/2006	
Agency initiated variation determined EPR/UP3935LR	17/01/2014	Agency variation to implement the changes introduced by IED.
Notified of change of company name	11/06/2014	Name changed to Encirc Limited
Variation determined EPR/UP3935LR/V003	02/07/2014	Varied permit issued to Encirc Limited
Notified of change of company registered office address	19/02/2015	Address changed to 11 Gortahurk Road, Tonymore, Derrylin, Enniskillen, Fermanagh BT92 9DD
Variation determined EPR/UP3935LR/V004	04/03/2015	Varied permit issued to Encirc Limited
Application EPR/UP3935LR/V005 (variation and consolidation)	Duly made 26/09/2016	<ul> <li>Application to vary and update the permit to modern conditions.</li> <li>Expansion of the ETP, increasing the installation boundary to incorporate the reed bed system, 12 new beverage tanks and ETP expansion.</li> <li>Incorporation of the refrigeration system</li> </ul>
Additional information received	21/12/2016	<ul> <li>H1 Environmental Risk Assessment.</li> <li>Site Condition Report.</li> <li>New wine storage proposal.</li> </ul>
	23/12/2016	<ul> <li>Refrigeration plant maintenance contract and emergency procedures.</li> <li>ETP monitoring data and maintenance sheet.</li> </ul>
	10/02/2017	<ul> <li>ETP bund design and photographs of bunding, and maintenance report.</li> <li>Water discharge emission points.</li> <li>Wine storage area drawing</li> </ul>
	07/04/2017	<ul> <li>Environmental Risk Assessment.</li> <li>Attenuation pond seal warranty.</li> <li>Dosing chemical data sheets for ETP.</li> </ul>
	23/05/2017	Chemical storage risk assessment
	06/06/2017	Site drainage plan
	20/07/2017	Chemical storage pollution prevention measures and photos

Status log of the permit				
Description	Date	Comments		
	18/07/2017	Updated site/emission points plan		
Variation determined EPR/UP3935LR/V005	21/07/2017	Varied and consolidated permit issued in modern condition format.		
Application EPR/UP3935LR/V007 (variation and consolidation)	Duly made 27/02/2022	Application to vary to add a Moving Bed Biofilm Reactor (MBBR) ETP and update the permit to modern conditions.		
Response to Schedule 5 notice dated 11/08/2022	31/08/2022	Despatch yard drainage active containment and site staffing. Effluent treatment plant operation and infrastructure.		
	13/09/2022	Tank bund overflow.		
Additional information	10/12/2021 and 20/09/2022	Information submission to satisfy the requirements of IC6 to establish W7 emissions limits.		
Additional information	31/01/2023	Water emissions action plan to support improvement conditions and emission limit implementation.		
Additional information	08/02/2023	Revised site plan.		
Variation determined and consolidation issued EPR/UP3935LR	21/03/2023	Varied and consolidated permit issued in modern format		
Application EPR/UP3935LR/V007 (variation and consolidation)	Regulation 61 Notice response received	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.		
	07/10/2023			
Additional information	30/08/2023	Relating to BAT6, RHS, MCP, production capacity threshold, and site plan.		
Variation determined and consolidation issued EPR/UP3935LR Billing Reference: KP3140QZ	01/12/2023	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/UP3935LR

#### Issued to

Encirc Limited ("the operator")

whose registered office is

11 Gortahurk Road Tonymore Derrylin Enniskillen Fermanagh BT92 9DD

company registration number NI030990

to operate a regulated facility at

Elton Beverages Ash Road Elton Cheshire CH2 4LF

to the extent set out in the schedules.

The notice shall take effect from 01/12/2023.

Name	Date
Stacey Tapsell	01/12/2023

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/UP3935LR

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/UP3935LR/V007 authorising,

Encirc Limited ("the operator"),

whose registered office is

11 Gortahurk Road Tonymore Derrylin Enniskillen Fermanagh BT92 9DD

company registration number NI030990

to operate an installation at

Elton Beverages Ash Road Elton Cheshire CH2 4LF

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

Name	Date
Stacey Tapsell	01/12/2023

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

#### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
  - (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

#### **1.2 Energy efficiency**

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

#### 1.3 Efficient use of raw materials

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

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
  - (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

# 2 **Operations**

#### 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

#### 2.2 The site

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

#### 2.3 Operating techniques

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

#### 2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## 3 Emissions and monitoring

#### 3.1 Emissions to water, air or land

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

- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1 (AR4 and A5) the first monitoring measurements shall be carried out within four months of 01/01/2025 (AR4) & 01/01/2030 (AR5) or of the date when the MCP is first put into operation, whichever is later.

#### 3.2 Emissions of substances not controlled by emission limits

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

#### 3.3 Odour

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

#### 3.4 Noise and vibration

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

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

#### 3.5 Monitoring

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

#### 3.6 Pests

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

## 4 Information

#### 4.1 Records

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

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

#### 4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
  - (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
  - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
  - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
  - (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
  - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

#### 4.3 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

Activity	Activity listed in	Description of specified	Limits of specified activity
reference	Schedule 1 of the EP Regulations	activity	
AR1	S6.8 Part A (1)(d)(ii)	Treating and processing for the production of food from only vegetable raw materials with a finished product production capacity	From receipt of raw materials to dispatch of finished products of wine, beer, flavoured alcoholic and non-alcoholic beverages.
		greater than 300 tonnes per day.	Production capacity is limited to 685 tonnes per day.
AR2	S5.4 Part A (1)(a)(i)	Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by biological treatment.	From receipt of raw process effluent and surface water into the effluent treatment plant and reed bed integrated wetland system to discharge to controlled waters through emission point W7.
			Effluent treatment plant throughput shall not exceed a total of 1,070 m <sup>3</sup> /day.
AR3	S5.4 Part A (1)(a)(ii)	Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day by physico- chemical treatment.	From receipt of raw process effluent and surface water into the effluent treatment plant to discharge into the reed bed integrated wetland system.
			Effluent treatment plant throughput shall not exceed a total of 1,070 m <sup>3</sup> /day.
Directly Asso	ociated Activity		
AR4	Steam supply	Medium combustion plants: 3 x 6MWth natural gas fired boilers	From receipt of fuel to release of products of combustion to air.
AR5	Electricity generation	Medium combustion plants: 3 x 1.2 MWth diesel (gas oil) fired engine used as back-up / standby for energy generating.	From receipt of fuel to the release of product of combustion to air. Back-up generators are 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	Use of refrigerants	Use of refrigerants in cooling, chilling and/or	From receipt of raw materials to dispatch of final product.

Table S1.1 ac	Table S1.1 activities					
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	of specified Limits of specified activity			
		freezing systems at the installation.				
AR7	Packaging plant	Packaging of final product	From receipt of processed ingredients and packaging to storage pending dispatch			
AR8	Storage and handling of waste material	Storage and handling of wastes	From generation of waste materials to dispatch for disposal of recovery.			
AR9	Storage and use of chemicals	Storage and use of chemicals at the installation.	From receipt of chemicals to disposal of wastes arising.			

Table S1.2 Operating techniques				
Description	Date Received			
Regulation 61 (1) Notice – Responses to questions dated 09/06/2022	All parts	Received 07/10/2022		
Request for further information dates 29/08/2023	Updated R61 Response Tool	Received 30/08/2023		

Table S1.3 Improvement programme requirements					
Reference	Requirement	Date			
IC15	The operator shall submit to the Environment Agency for agreement a consolidated version of the site's Site Condition Report. The report shall consolidate the main site condition report with any separate site condition reports and addendums produced for additional area of the permitted site, including those produced for the despatch yard and the new effluent treatment plant applied for under application EPR/UP3935LR/V006.	21/09/2023			
IC16	Based on discharging via emission point W7 in line with the limits outlined in Table S3.2, the operator shall carry out a risk assessment of the impact of treated effluent discharge upon the receiving waters in Hoolpool Gutter. The assessment shall be carried out in accordance with the Environment Agency Horizontal Guidance H1 Surface water pollution risk assessment for your environmental permit.	Within 12 months of commissioning of the new moving bed biofilm reactor			
	The assessment shall use 12 months of data collected from the site's effluent discharge point (W7) and upstream and downstream data from the receiving watercourse, Hoolpool Gutter.	effluent treatment plant			
	The following parameters shall be monitored: Biochemical Oxygen Demand, Chemical Oxygen Demand, pH, Suspended Solids, Ammoniacal Nitrogen expressed as N, Orthophosphate, Total Iron, Total Phosphate and Dissolved Iron as per Table S3.2. Environment Agency routine monitoring data is also available for consideration as part of the risk assessment.				

Reference	mprovement programme requirements Requirement	Date	
	The operator shall submit the completed risk assessment along with a report to the Environment Agency for approval.		
	The report shall demonstrate whether the limits stated in table S3.2 are appropriate. If the limits in table S3.2 are demonstrated not to be sufficient the operator shall propose revised limits in line with the conclusions of the risk assessment.		
IC17	The operator shall investigate the likely sources of phosphates, giving rise to elevated concentrations detected in the effluent discharge from emissions point W7. A report shall be provided in writing to the Environment Agency for approval on the findings of this investigation, together with a methodology of how the operator proposes to reduce the input from the phosphate sources.	01/09/2023	
IC18	<ul> <li>The operator shall produce a climate change adaptation plan, which will form part of the EMS.</li> <li>The plan shall include, but not be limited to: <ul> <li>Details of how the installation has or could be affected by severe weather;</li> <li>The scale of the impact of severe weather on the operations within the installation;</li> <li>An action plan and timetable for any improvements to be made to minimise the impact of severe weather at the installation.</li> </ul> </li> <li>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</li> </ul>	01/12/2024 (12 months from permit issue) or other date as agreed in writing with the Environment Agency	
IC19	<ul> <li>The Operator shall undertake a survey of the primary, secondary and tertiary containment at the site and review measures against relevant standard including: <ul> <li>CIRIA Containment systems for the prevention of pollution (C736)</li> <li>Secondary, tertiary and other measures for industrial and commercial premises,</li> <li>EEMUA 159 - Above ground flat bottomed storage tanks</li> </ul> </li> <li>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 <ul> <li>current containment measures</li> <li>any deficiencies identified in comparison to relevant standards,</li> <li>improvements proposed</li> <li>time scale for implementation of improvements.</li> </ul> </li> <li>The operator shall implement the proposed improvements in line with the timescales agreed by the Environment Agency.</li> </ul>	01/12/2024 (12 months from permit issue) or other date as agreed in writing with the Environment Agency	

# 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

# Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 ('AFH1 Boiler Stack' on site plan in Schedule 7)	Boiler 1 6MWth natural gas fired boiler	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	200 mg/m <sup>3</sup> [NOTE1]	Periodic	Every three years	BS EN 14792 [Note 1]
		Carbon monoxide	No limit set [NOTE 1]	Periodic	Every three years	MCERTS BS EN 15058 [Note 1]
	Boiler 2 6MWth natural gas fired boiler	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	200 mg/m <sup>3</sup> [NOTE1]	Periodic	Every three years	BS EN 14792 [Note 1]
		Carbon monoxide	No limit set [NOTE 1]	Periodic	Every three years	MCERTS BS EN 15058 [Note 1]
	Boiler 3 6MWth natural gas fired boiler	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	200 mg/m <sup>3</sup> [NOTE1]	Periodic	Every three years	BS EN 14792 [Note 1]
		Carbon monoxide	No limit set [NOTE 1]	Periodic	Every three years	MCERTS BS EN 15058 [Note 1]
A2 & A3 ('Beer & FABS Storage tank vents' and 'Wine storage tank vents' on site plan in Schedule 7)	Storage tank vents	No parameters set	No limit set			
A4 ('Ammonia evaporative condensers' on site plan in Schedule 7)	Ammonia refrigeration system emergency vents	No parameters set	No limit set			
A5 ('Back up engines' on site plan in Schedule 7)	Engine 1 [NOTE 2]	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	No limit set	Periodic	After 1500 operating hours have elapsed	BS EN 14792

MWth diesel d back-up herator gine 2 DTE 2] MWth diesel d back-up herator	Carbon monoxide Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> ) Carbon monoxide	No limit set No limit set No limit set	Periodic Periodic	After 1500 operating hours have elapsed After 1500 operating hours have elapsed	MCERTS BS EN 15058 BS EN 14792
DTE 2] MWth diesel d back-up	Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> ) Carbon			operating hours have	-
		No limit set	Devientie		1
			Periodic	After 1500 operating hours have elapsed	MCERTS BS EN 15058
gine 3 DTE 2] MWth diesel	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>x</sub> )	No limit set	Periodic	After 1500 operating hours have elapsed	BS EN 14792
generator	Carbon monoxide	No limit set	Periodic	After 1500 operating hours have elapsed	MCERTS BS EN 15058
onment Agen	су				
i i	/Wth diesel back-up erator mit and/or m nment Agen mit and/or m	//Wth diesel       (NO and NO2         //Wth diesel       expressed as         // back-up       Output         erator       Carbon         mit and/or monitoring require       nment Agency         mit and/or monitoring require       mit and/or monitoring require	Image: Noise of the set	Image: Note of the set o	Image: AWth diesel Aback-up erator       (NO and NO2 expressed as NOx)       hours have elapsed         I back-up erator       Carbon monoxide       No limit set       Periodic       After 1500 operating hours have elapsed         mit and/or monitoring requirements apply from 1 January 2025, unless operating       No       Image: Aback-up elapsed

	Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements				nits and	
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method NOTE 1
W1 – W5 as shown on site plan	Located outside of installation boundary					
W6 on site plan in schedule 7 Emission to ground via onsite attenuation pond	Treated process effluent from onsite effluent treatment plant	No parameter	No limit set			
WFH1 on site plan in	Treated process	Total suspended solids	20 mg/l	Composite sample	Monthly	BS EN 872
schedule 7 Emission to ground via onsite attenuation pond and reed beds	ground via onsite attenuation pond and	Biological Oxygen Demand (BOD)	15 mg/l	Composite sample	Monthly	BS EB 1899- 1 BS EN 1899- 2 SCA blue book 130 ISBN
		Ammoniacal nitrogen	5 mg/l	Composite sample	Monthly	BS EN ISO 11732
		рН	6-8		Continuous	BS ISO 10523
		Chemical Oxygen Demand (COD)	No limit set	Composite sample	Monthly	BS 6068-2- 34 Same as ISO 6060
		Flow m <sup>3</sup> /hr	No limit set	24 hour period	Continuous	MCERTS flow metre
		Phosphate	2 mg/l	Composite sample	Monthly	EN ISO 6878, EN ISO 15681-1 and -2, EN ISO 11885
plan in por schedule 7 bed Emission to Hoolpool Gutter	Attenuation pond and reed beds	Total Iron	No limit set or as agreed under IC16 NOTE 2	Composite sample	Monthly	
unless otherwise agreed in IC16		Dissolved Iron	No limit set or as agreed under IC16 NOTE 2	Composite sample	Monthly	

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method NOTE 1
		Phosphate	2 mg/l Or as agreed under IC16 NOTE 2 NOTE 3	Composite sample	Monthly	EN ISO 6878, EN ISO 15681-1 and -2, EN ISO 11885
		Total suspended solids	50 mg/l Or as agreed under IC16 NOTE 2	Composite sample	Monthly	BS EN 872
		Biological Oxygen Demand (BOD)	20mg/l Or as agreed under IC16 NOTE 2	Composite sample	Monthly	BS EB 1899- 1 BS EN 1899- 2 SCA blue book 130 ISBN
		Ammoniacal nitrogen	5mg/l Or as agreed under IC16 NOTE 2	Composite sample	Monthly	BS EN ISO 11732
		рН	6 – 9 Or as agreed under IC16 NOTE 2		Continuous	BS ISO 10523
		Chemical Oxygen Demand (COD)	100 mg/l Or as agreed under IC16 NOTE 2	Composite sample	Monthly	BS 6068-2- 34 Same as ISO 6060
		Flow m <sup>3</sup> /hr	No limit set Or as agreed under IC16 NOTE 2	24 hour period	Continuous	MCERTS flow metre

Table S3.2 Point Source emissions to water (other that	an 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 NOTE 1
NOTE 2: These limits are only applicable on the commissioning of the new moving bed biofilm reactor effluent treatment plant.						

NOTE 3: This limit is only applicable on the completion of IC17.

# Schedule 4 – Reporting

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

Table S4.1 Reporting o	Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins	
Point source emissions to air Parameters as required by condition 3.5.1	A1	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	
	A5	After 1500 operating hours have elapsed	From first monitoring requirements in accordance with Condition 3.1.4	
Point source emissions to water (other than sewer)	W7, WFH1	Quarterly	1 January, 1 April, 1 July, 1 October	
Parameters as required by condition 3.5.1				

Table S4.2: Annual production/treatment		
Parameter	Units	
Wine, Beer, Flavoured Alcoholic Beverages, and Non-Alcoholic Beverages	hectolitres	
Wastewater treated	tonnes	

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Chemical Oxygen Demand (COD)	Annually	kg
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh
Waste - recovery/disposal routes	Annually	tonnes
COD efficiency	Annually*	COD te/te product
Food waste	Annually	tonnes
*COD efficiency to be calculated on a weekly frequency, reported annually		

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Table S4.4 Reporting forms			
Parameter	Reporting form	Form version number and date	
Point source emissions to Water	Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021	
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021	
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021	
Food Waste	Food waste Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1 06/02/2023	
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021	

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution		
To be notified within 24 hours of	detection	
Date and time of the event		
Reference or description of the location of the event		
Description of where any release into the environment took place		
Substances(s) potentially released		
Best estimate of the quantity or rate of release of substances		
Measures taken, or intended to be taken, to stop any emission		
Description of the failure or accident.		

(b) Notification requirements for t	(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 det	tection	
Condition breached		
Date, time and duration of breach		
Details of the permit breach i.e. what happened including impacts observed.		
Measures taken, or intended to be taken, to restore permit compliance.		

(d) Notification requirements for the detection of any significant adverse environmental effect					
To be notified within 24 hours of detection					
Description of where the effect on the environment was detected					
Substances(s) detected					
Concentrations of substances detected					
Date of monitoring/sampling					

# Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator

# Schedule 6 – Interpretation

"accident" means an accident that may result in pollution.

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

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

"average over the sampling period" means the average value of three consecutive measurements of at least 30 minutes each, unless otherwise stated, as defined in the General Considerations section of the Food, Drink & Milk Industries BAT Conclusions.

"emissions to land" includes emissions to groundwater.

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

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

"Food waste" reporting: Reporting of food waste to use a methodology such as the global Food Loss and Waste Accounting and Reporting Standard (FLW standard), WRAP's Target Measure Act initiative or similar.

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

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

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

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

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

"Pests" means Birds, Vermin and Insects.

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

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 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



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END OF PERMIT

# **Reporting Forms**

## Emissions to Air Reporting Form

Permit number:	EPR/UP3935LR	Operator: Encirc Limited
Facility name:	Elton Beverages	Emissions to Air Reporting Form: version 1, 08/03/2021

Reporting of emissions to air for the period from [DD/MM/YY] to [DD/MM/YY]

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method <sup>1</sup>	Result <sup>2</sup>	Sample dates and times <sup>3</sup>	Uncertainty <sup>4</sup>
[e.g. A1]	[e.g. Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )]	[e.g. 200 mg/m <sup>3</sup> ]	[e.g. daily average]	[e.g. BS EN 14181]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]

Signed: [Name]

Date:

[DD/MM/YY]

(Authorised to sign as representative of the operator)

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

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

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

## **Emissions to Water Reporting Form**

**Permit number:** *EPR/UP3935LR* 

Facility name: Elton Beverages

**Operator:** Encirc Limited

Emissions to Water Reporting Form: version 1, 08/03/2021

Reporting of emissions to air for the period from [DD/MM/YY] to [DD/MM/YY]

Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method <sup>1</sup>	Result <sup>2</sup>	Sample dates and times <sup>3</sup>	Uncertainty <sup>4</sup>
[e.g. W1]	[e.g. Total suspended solids]	[e.g. 30 mg/l]	[e.g. For 95% of all measured values of periodic samples taken over one month]	[e.g. BS EN 872:2005]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]

Signed: [Name]

**Date:** [*DD/MM/YY*]

(Authorised to sign as representative of the operator)

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

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

<sup>1</sup> Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.

<sup>2</sup> Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.

<sup>3</sup> For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.

<sup>4</sup> Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

## Water Usage Reporting Form

**Permit number:** *EPR/UP3935LR* 

Facility name: Elton Beverages

**Operator:** Encirc Limited

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of emissions to air for the period from [DD/MM/YY] to [DD/MM/YY]

Water source	Water usage (m <sup>3</sup> )	Specific water usage (m <sup>3</sup> /tonne of product) <sup>2</sup>	
Mains water	[insert annual usage in m <sup>3</sup> where mains water is used]	Not Applicable	
Site borehole	[insert annual usage in m <sup>3</sup> where water is used from a site borehole]	Not Applicable	
River abstraction	[insert annual usage in m <sup>3</sup> where abstracted river water is used]	Not Applicable	
Other – [specify other water source where applicable]. Add extra rows where needed]	[insert annual usage in m <sup>3</sup> where applicable]	Not Applicable	
Total water usage	[insert total annual water usage in m <sup>3</sup> ]	[insert total water use per tonne of product produced m <sup>3</sup> /t]	

Operator's comments		

<b>Operator's</b>	comments
-------------------	----------

Signed: [Name]

Date: [DD/MM/YY]

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

#### **Energy Usage Reporting Form**

**Permit number:** *EPR/UP3935LR* 

Facility name: Elton Beverages

**Operator:** Encirc Limited

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of emissions to air for the period from [DD/MM/YY] to [DD/MM/YY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/tonne of product) <sup>2</sup>
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	[insert annual consumption in MWh where electricity is imported]	Not Applicable
Electricity imported as primary energy <sup>1</sup> – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	[insert annual consumption in MWh where electricity is imported]	Not Applicable
Natural gas	[insert annual consumption in MWh where natural gas is used]	Not Applicable
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	[insert annual consumption in MWh where gas oil is used]	Not Applicable
Imported heat	[insert annual consumption in MWh where heat is imported]	Not Applicable
Other – [specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]	[insert annual consumption in MWh where applicable]	Not Applicable
Total	[insert total energy use in MWh]	[insert total energy use per tonne of product MWh/tonne of product]

Signed: [Name]

Date:

[DD/MM/YY]

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

<sup>1</sup> Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

<sup>2</sup> Divide energy consumption by an appropriate unit of raw material processed or product output.

## Food Waste Reporting Form

**Permit number:** *EPR/UP3935LR* 

**Operator:** Encirc Limited

Facility name:Elton Beverages

Food Waste Reporting Form: version 1, 06/02/2023

Reporting of food waste for the period from [DD/MM/YY] to [DD/MM/YY]

Overall food waste (tonnes)	
Food waste as % of product	
Food waste disposal routes	As specified below

Source	Tonnage
Redistribution for human consumption	
Animal feed	
Bio-based materials/biochemical processing (e.g. feedstock for other industrial products)	
Anaerobic digestion/codigestion	
Composting/aerobic processes	
Incineration/controlled combustion	

Land application	
Landfill	
Sewer/wastewater treatment (e.g. as COD)	
Other (Please specify)	

Signed: [Name]

Date: [DD/MM/YY]

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your food waste metrics.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information.

**Rationale:** Avoidance of food waste is a key issue for the sector, both nationally and globally, and is subject to a United Nations Sustainable Development Goal: SDG 12.3: "By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses".

This complements Defra's Food and drink waste hierarchy: deal with surplus and waste - GOV.UK (www.gov.uk) and WRAP's Target Measure Act Initiative.

Reporting of food waste should be to a set methodology such as the global Food Loss and Waste Accounting and Reporting Standard (FLW standard).

#### **Other Performance Parameters Reporting Form**

**Permit number:** *EPR/UP3935LR* 

**Operator:** Encirc Limited

Facility name: Elton Beverages

Other Performance Parameters Reporting Form: version 1, 08/03/2021

Reporting of other performance parameters for the period from [DD/MM/YY] to [DD/MM/YY]

Parameter	Units
[e.g. Total raw material usage]	[e.g. tonnes per production unit]
Wine, Beer, Flavoured Alcoholic Beverages, and Non-Alcoholic Beverages	hectolitres
Wastewater treated	m <sup>3</sup>
Waste sent for recovery (specify route)	tonnes
Waste sent for recycling (specify route)	tonnes
Total product waste sent for disposal (specify route)	tonnes

#### **Operator's comments**

(Authorised to sign as representative of the operator)

**Guidance for use:** Use this form to report the performance parameters (other than water and energy) required by your permit. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.