

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Encirc Limited
Elton Beverages
Quinn Business Park
Ash Road
Elton
Cheshire
CH2 4LF

Variation application number

EPR/UP3935LR/V005

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.

The permit has been varied to include the following changes:

- Extension to the installation boundary to include a pre-existing reed bed integrated wetland system, extension to the effluent treatment plant and additional beverage storage area.
- Following incorporation of the reed bed system an additional monitoring point for effluent (W7) is added to the permit. W7 is located at the point of discharge from the reed bed (post treatment) prior to discharge to controlled waters at Hoolpool Gutter.
- Expansion of the Effluent Treatment Plant (ETP) to incorporate larger holding tanks whilst keeping discharge quantities the same.
- Inclusion of an ammonia refrigeration system, which was also pre-existing and not permitted.
- Construction of a new beverage (wine) storage area, comprising of 12 insulated tanks.

The rest of the installation is unchanged and continues to be operated as follows.

Encirc Limited operate a site at Ash Road, Elton for the production of glass containers (not part of the installation) and the filling and pasteurisation of the glass containers with wine, beer, flavoured alcoholic and non-alcoholic beverages.

Steam is generated for use in pasteurisation by 3 gas-fired boilers (each 6 megawatt thermal input) with only 2 boilers operating at any one time.

There are 3 Ramsars, one SAC and one SPA located within 10 km of the installation boundary. There is also a one SSSI located within 5 km.

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 24/03/06	Application for food and drink installation.
Additional information received	21/07/06	
Additional information received	28/07/06	
Additional information received	31/07/06	
Additional information received	15/08/06	

Status log of the permit		
Description	Date	Comments
Permit determined EPR/UP3935LR	15/09/06	
Agency initiated variation determined EPR/UP3935LR	17/01/14	Agency variation to implement the changes introduced by IED.
Notified of change of company name	11/06/14	Name changed to Encirc Limited
Variation determined EPR/UP3935LR/V003	02/07/14	Varied permit issued to Encirc Limited
Notified of change of company registered office address	19/02/15	Address changed to 11 Gortahurk Road, Tonymore, Derrylin, Enniskillen, Fermanagh BT92 9DD
Variation determined EPR/UP3935LR/V004	04/03/15	Varied permit issued to Encirc Limited
Application EPR/UP3935LR/V005 (variation and consolidation)	Duly made 26/09/16	Application to vary and update the permit to modern conditions. Expansion of the ETP, increasing the installation boundary to incorporate the reed bed system, 12 new beverage tanks and ETP expansion. Incorporation of the refrigeration system
Additional information received	21/12/2016	- H1 Environmental Risk Assessment. - Site Condition Report. - New wine storage proposal.
	23/12/2016	- Refrigeration plant maintenance contract and emergency procedures. - ETP monitoring data and maintenance sheet.
	10/02/2017	- ETP bund design and photographs of bunding, and maintenance report. - Water discharge emission points. - Wine storage area drawing
	07/04/2017	- Environmental Risk Assessment. - Attenuation pond seal warranty. - Dosing chemical data sheets for ETP.
	23/05/2017	- Chemical storage risk assessment
	06/06/2017	- Site drainage plan
	20/07/2017	- Chemical storage pollution prevention measures and photos
	18/07/2017	- Updated site/emission points plan
Variation determined EPR/UP3935LR/V005 PAS Reference No: TP3136RH	21/07/2017	Varied and consolidated permit issued in modern condition 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 and consolidates

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

Encirc Limited

Elton Beverages

Ash Road

Elton

Cheshire

CH2 4LF

to the extent set out in the schedules.

The notice shall take effect from 21/07/2017

Name	Date
Maria Stapley	21/07/2017

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

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/V005 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

**Encirc Limited
Elton Beverages
Ash Road
Elton
Cheshire
CH2 4LF**

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

Name	Date
Maria Stapley	21/07/2017

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

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 Total annual emissions from the emission point(s) set out in schedule 3 tables S3.2 of a substance listed in schedule 3 table S3.2 shall not exceed the relevant limit in table S3.2.
- 3.1.4 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 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;
 - (b) process monitoring specified in table 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.

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.

4.4 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 listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
S6.8 Part A(1)(d)(ii)	Treating and processing materials intended for the production of food products from vegetable raw materials at plant with a finished product production capacity of more than 300 tonnes per day (average value on a quarterly basis)	From the receipt of raw materials to despatch of finished product. Including storage and handling of waste.
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.
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.
Directly Associated Activity		
Combustion process	Steam raising in three gas fired boilers with a total thermal input of 19 MW	From intake of fuel, through steam production to flue gas emissions.
Refrigeration of raw materials and finished products	Refrigeration of raw materials and finished products.	From intake of raw materials or finished packaged products for storage to dispatch. Refrigeration by ammonia refrigeration system,
Packaging plant	Packaging of final product	From receipt of processed ingredients and packaging to storage pending dispatch
Storage and handling of waste material	Storage and handling of wastes	From generation of waste materials to dispatch for disposal or recovery.
Storage and handling of raw materials	Storage and handling of raw materials used in the process.	From receipt and storage of materials to transfer to process areas.
Chemical use for cleaning	Use of chemicals for cleaning via Clean In Place (CIP)	From receipt of chemicals, storage and use within the process areas.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to section 2.1.11, 2.1.12, 2.1.32 and 2.2 in the application.	24/03/06
Additional information	Responses to questions relating to emission point WFH1	21/07/06

Table S1.2 Operating techniques		
Description	Parts	Date Received
Additional information	Response to request for site closure plan	28/07/06
Response to Schedule 5 Notice dated 09/11/16	<ul style="list-style-type: none"> - Schedule 5 response - Site Condition Report 	21/12/16
Response to Schedule 5 Notice dated 12/12/16	<ul style="list-style-type: none"> - Ammonia refrigeration plant procedure document. - Ammonia refrigeration plant leak detection and emergency procedure document. 	23/12/16
	<ul style="list-style-type: none"> - Schedule 5 response - ETP bunding information, emergency procedures. - Wine storage procedures. 	10/02/17
Response to Schedule 5 Notice dated 24/03/17	<ul style="list-style-type: none"> - Schedule 5 response - Environmental Risk Assessment (ETP and ammonia) - Emission points site plan 	07/04/17
Response to Schedule 5 Notice dated 16/05/17	<ul style="list-style-type: none"> - Environmental Risk Assessment (Chemical Storage) - Chemical storage procedures 	23/05/17
	<ul style="list-style-type: none"> - Site drainage plan 	06/06/17
	<ul style="list-style-type: none"> - Chemical storage specifications/procedure 	20/06/17
New installation boundary	<ul style="list-style-type: none"> - Elton Emission Points site plan. 	18/07/17

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	The operator shall produce an Energy Efficiency Plan having regard to the Sector Guidance (S6.10 section 2.7.2). Upon completion of the plan a summary of the document shall be submitted to the Environment Agency in writing	Completed
IC2	<p>A written procedure shall be submitted to the Environment Agency detailing the measures to be used so that monitoring equipment, personnel and organisations employed for the emissions monitoring programme shall have either MCERTS certification or accreditation in accordance with condition 3.6.3. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the procedure.</p> <p>The procedure shall be implemented by the operator from the date of approval in writing by the Environment Agency.</p>	Completed
IC3	The operator shall carry out a Water Efficiency Audit in line with sector guidance (S6.10 section 2.4.3). Upon completion of the audit, a summary of the document shall be submitted to the Environment Agency in writing.	Completed
IC4	The operator shall carry out a Waste Minimisation Audit in line with sector guidance (S6.10 section 2.4.2). Upon completion of the audit, a summary of the document shall be submitted to the Environment Agency in writing.	Completed
IC5	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 use 12 months of data collected from the sites effluent discharge point (W7) and upstream and downstream data from the receiving watercourse, Hoolpool Gutter.	Within 15 months of the date of this variation notice (or other date as agreed in

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>The following parameters should be monitored: Biochemical Oxygen Demand, Chemical Oxygen Demand, pH, Suspended Solids, Ammoniacal Nitrogen expressed as N, Orthophosphate, Total Iron and Dissolved Iron as per Table S3.2. Environment Agency routine monitoring data is also available for consideration as part of the risk assessment.</p> <p>The assessment shall be carried out in accordance with the Environment Agency Horizontal Guidance H1 Surface water pollution risk assessment for your environmental permit. The operator shall submit the completed risk assessment to the Environment Agency for approval.</p>	writing with the Environment Agency)
IC6	The operator shall propose limits to be set for all parameters listed within Table S3.2 for emission point W7.	Within 3 months of completion of IC5.
IC7	If the Environment Agency concludes that the risk assessment required by IC5 identifies that the discharge is impacting upon Hoolpool Gutter, the Operator shall submit a written Action Plan for W7 in table S3.2 to the Environment Agency for approval identifying what improvements to the treatment system shall be made and why and by when to address the impact(s).	Within 3 months of the Environment Agency requesting in writing that the operator submit a written Action Plan
IC8	The Operator shall implement the improvements identified within any Action Plan approved by the Environment Agency under IC7 and provide written confirmation to the Environment Agency that the improvements have been made.	Within 12 months of the Action Plan being submitted to the Environment Agency or any subsequent date as notified in writing by the Environment Agency.
IC9	The operator shall carry out a survey of the drainage system (including below ground pipework) to ensure soil and groundwater are adequately protected. The operator shall submit the completed survey to the Environment Agency for approval.	Within 6 months of the date of this variation notice
IC10	If the Environment Agency concludes that the survey required by IC9 identifies that soil and groundwater is not adequately protected, the Operator shall submit a written Action Plan to the Environment Agency for approval identifying what improvements to the drainage system shall be made and why and by when to address the impact(s).	Within 3 months of the Environment Agency requesting in writing that the operator submit a written Action Plan
IC11	The Operator shall implement the improvements identified within any Action Plan approved by the Environment Agency under IC10 and provide written confirmation to the Environment Agency that the improvements have been made.	Within 12 months of the Action Plan being submitted to the Environment Agency or any subsequent

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
		date as notified in writing by the Environment Agency.
IC12	The operator shall provide a report setting out the inspection / maintenance procedures to be used to ensure the reed bed lining system remains fit for purpose in accordance with guidance document CIRIA C736. The operator shall submit the completed report to the Environment Agency for approval.	Within 6 months of the date of this variation notice.
IC13	The operator shall bund the chemical storage area in line with best available techniques including Sector Guidance Note S5.06: recovery and disposal of hazardous and non-hazardous waste and CIRIA C736 Containment systems for the prevention of pollution.	Within 6 months of the date of this variation notice.
IC14	The operator shall install appropriate infrastructure to meet the monitoring requirements for pH and flow listed in table S3.2 at discharge location W7.	Within 6 months of the date of this variation notice.

Schedule 2 – Waste types, raw materials and fuels

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

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Boiler Plant [Point AFH1 Boiler Stack on site plan reference 'Elton Emission Points' in application EPR/UP3935LR/V005]	Boiler Plant	No parameters set	No limit set	---	---	---
Storage tank vents [Storage tank vents on site plan reference 'Elton Emission Points' in application EPR/UP3935LR/V005]	Beer, wine, and flavoured alcoholic and non-alcoholic beverages storage tanks within installation boundary	No parameters set	No limit set	---	---	---
Storage tank vents [Ammonia evaporative condensers on site plan reference 'Elton Emission Points' in application EPR/UP3935LR/V005]	Ammonia refrigeration system emergency vents	No parameters set	No limit set	---	---	---
Storage tank vents [New tank farm on site plan reference 'Elton Emission Points' in application EPR/UP3935LR/V005]	Wine storage tank vents	No parameters set	No limit set	--	--	

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method <small>Note 2</small>
W1 – W5 as shown on site plan reference 'Elton Emission Points' in application EPR/UP3935LR/V005	Located outside of installation boundary	---	---	---	---	---
W6 Attenuation pond as shown on site plan reference 'Elton Emission Points' in	Effluent treatment plant	No parameter	No limit set	---	---	---

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method <small>Note 2</small>
application EPR/UP3935LR/V005						
WFH1 discharge of treated effluent to attenuation pond and reed beds as shown on site plan in permit EPR/UP3935LR/A001	Effluent treatment plant	Total suspended solids	20 mg/l	Composite sample	Monthly	BS EN 872
		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
		pH	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 ³ /hr	No limit set	24 hour period	Continuous	MCERTS
W7 discharge of treated effluent to Hoolpool Gutter as shown on site plan reference 'Elton Emission Points' in application EPR/UP3935LR/V005	Attenuation pond and reed beds	Total Iron	No limit set <small>Note 1</small>	Composite sample	Monthly	
		Dissolved Iron	No limit set <small>Note 1</small>	Composite sample	Monthly	
		Orthophosphate	No limit set <small>Note 1</small>	Composite sample	Monthly	BS EN ISO 15681-1 BS EN ISO 1568-2
		Total suspended solids	No limit set <small>Note 1</small>	Composite sample	Monthly	BS EN 872
		Biological Oxygen Demand (BOD)	No limit set <small>Note 1</small>	Composite sample	Monthly	BS EB 1899-1 BS EN 1899-2 SCA blue book 130 ISBN
		Ammoniacal nitrogen	No limit set <small>Note 1</small>	Composite sample	Monthly	BS EN ISO 11732
		pH	No limit set <small>Note 1</small>	---	Continuous <small>Note 3</small>	BS ISO 10523

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method <small>Note 2</small>
		Chemical Oxygen Demand (COD)	No limit set <small>Note 1</small>	Composite sample	Monthly	BS 6068-2-34 Same as ISO 6060
		Flow m3/hr	No limit set <small>Note 1</small>	24 hour period	Continuous <small>Note 3</small>	MCERTS

Note 1: Limits subject to change following completion of Improvement Conditions IC5-6

Note 2: Or other method as agreed in writing with the Environment Agency

Note 3: Following completion of IC14

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 water Parameters as required by condition 3.5.1	W7, WFH1	Quarterly	1 January, 1 April, 1 July, 1 October

Parameter	Units
Beer and FAB (Flavoured Alcoholic Beverages)	Hectolitres (Hl)

Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Chemical Oxygen Demand (COD)	Annually	kg

Media/parameter	Reporting format	Date of form
Water and Land	Form water 1 or other form as agreed in writing by the Environment Agency	21/07/2017
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	21/07/2017
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	21/07/2017
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	21/07/2017

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the 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.

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

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

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

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

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

Pests” means Birds, Vermin and Insects.

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

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

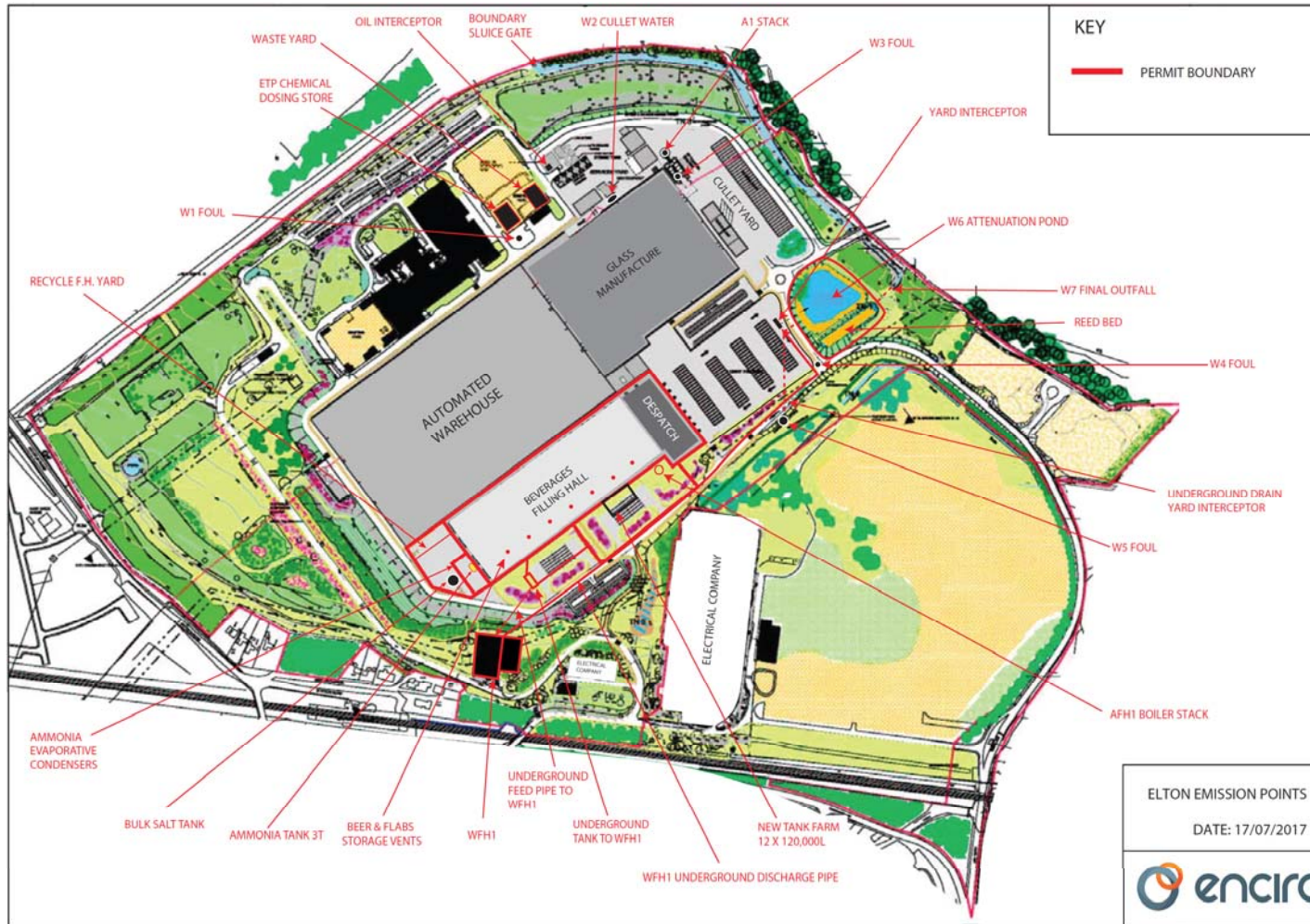
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

Permit number
EPR/UP3935LR