

## The Environmental Permitting (England & Wales) Regulations 2016

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Kingsland Drinks Limited

The Winery  
Fairhills Road  
Irlam  
Manchester  
M44 6BD

**Permit number**

EPR/VP3434YY

# The Winery

## Permit number EPR/VP3434YY

### Introductory note

#### **This introductory note does not form a part of the permit**

The main features of the permit are as follows.

Kingsland Drinks Ltd operates a production, processing, bottling, storage and distribution facility for the supply of wines, wine-based drinks and spirits to the retail sector. The site is located in Irlam, Greater Manchester, approximately 12km west south west of Manchester city centre, in a mixed commercial / light industrial and residential setting. Kingsland Wines and Spirits began operations at the site in 2002. The processing capacity of the Kingsland Drinks site will exceed the 300 tonnes per day threshold for the treatment and processing of vegetable raw materials, this is as a consequence of continued business growth. The site will become subject to permitting under the Environmental Permitting Regulations 2016. The site's processing capacity will increase to approximately 380 tonnes per day as a consequence of growth, meaning that the site will become subject to permitting under:

*Section 6.8, Part A(1) (d) (ii): Treatment and processing, other than exclusively packaging, of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed (where the weight of the finished product excludes packaging) - only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day*

The site covers an area of approximately 6.96Ha comprising multiple large production, bottling, storage and distribution buildings of varying construction and ages, together with administrative buildings, areas of hardstanding, access roads and soft landscaping. The processing of vegetable raw materials comprises the following operations: fermentation of base wines; production of blended and fusion wines; bottling of bulk imported wines; bottling of spirits; storage of bottled-at-source wines; and distribution of wines. The processes undertaken at the site are: carbonation; filtration; sulphitation; cooling (via refrigeration and air conditioning); and air compression.

The following directly associated activities also occur on site:

- Steam Generation – Steam is used for process sterilisation, space heating and hot water generation. The site has two steam raising boilers: one in operation and one as a back-up in case of break down or maintenance of the primary unit. Each boiler has a thermal rating of 5MWth. The main emissions to air arise from these two steam rising boilers.
- Compressed Air Generation – The site has two air compressors (one in use, one as backup) delivering compressed air use for mechanical movements on such things as valves and pistons on packaging machinery.
- Raw Materials Storage – Raw materials are stored on site in both solid and liquid form. All liquid ingredients are stored in a contained environment, with drip trays where necessary, spill pallets (for ingredients stored in IBCs) and are separated from foul and surface water drainage. Solid ingredients are stored in locked storage rooms that have no drainage access.
- Waste Storage – Wastes are segregated at source and stored in this manner onsite until collected. All hazardous materials are stored individually in approved containers. Wastes are kept on site for minimal times before collection for recovery.
- Cleaning Place – Cleaning in Place (CIP) is a method of cleaning the interior surfaces of pipes, vessels, process equipment, filters and associated fittings without disassembly. There is no automatic CIP on site to cover all production areas, but each line has a separate procedure for wash down and flushing lines, vessels, and fillers.
- Refrigerant gases (R22 and R410a) are stored on site for use in refrigeration and air conditioning processes,

Surface water is drained via oil/water interceptors/separators and is discharged on the eastern site boundary into the surface water network under Fairhills Road, and drains on the southern site boundary into surface water drains running adjacent to the railway embankment, from where it is ultimately discharged into the

Manchester Ship Canal. Foul water is discharged via a foul drain at the north of the site, discharging into the foul network under Fairhills Road into North Bank Wastewater Treatment Works under a trade effluent consent issued by United Utilities Water PLC.

The nearest sensitive land use is considered to be residential properties to the north of Fairhills Road, within approximately 12m of the northern site boundary, with the commercial / light industrial premises adjacent to the western site boundary likely to be the next most-sensitive land use.

Rixton Clay Pits SAC, Manchester Mosses SAC and Rostherne Mere Ramsar lie within 10Km of the installation. There are no SSSI within 2km of the installation boundary.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/VP3434YY/A001	Duly made 14/09/17	Application for an Environmental Permit.
Additional information received	29/11/17	Surface Inspection Procedure
Permit determined EPR/VP3434YY	06/12/17	Permit issued to Kingsland Drinks Limited.

End of introductory note

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

EPR/VP3434YY

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**Kingsland Drinks Limited** ("the operator"),

whose registered office is

**The Winery  
Fairhills Road  
Irlam  
Manchester  
M44 6BD**

company registration number 2905130

to operate an installation at

**The Winery  
Fairhills Road  
Irlam  
Manchester  
M44 6BD**

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

Name	Date
Anne Nightingale	06/12/17

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 For the following activities referenced in schedule 1, table S1.1. 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, S3.2 and S3.3.

- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

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

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

## **3.3 Odour**

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

## **3.4 Noise and vibration**

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

## **3.5 Monitoring**

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

## **3.6 Pests**

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

# **4 Information**

## **4.1 Records**

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



## 4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1. 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 [(a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit,] 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 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.

4.3.4 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.

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

4.3.6 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

<b>Table S1.1 activities</b>		
<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
Section 6.8, Part A(1) (d) (ii): Treatment and processing, other than exclusively packaging, of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed (where the weight of the finished product excludes packaging) - only vegetable raw materials with a finished product production capacity greater than 300 tonnes per day	Processing, bottling, storage and distribution facility for the supply of wines, wine-based drinks and spirits to the retail sector.	From receipt of raw materials to dispatch of finished packaged products.
<b>Directly Associated Activity</b>		
Directly Associated Activity	Steam Generation	Operation of a 5MWth boiler fired with heated oil for the generation of steam. Receipt of fuel to emission of combustion gases.
Directly Associated Activity	Compressed Air Generation	Compressed air is used to drive mechanical movements on such things as valves and pistons on the packaging machinery.
Directly Associated Activity	Raw Materials Handling and Storage	Includes receipt and storage, of bulk raw materials to be used in process.
Directly Associated Activity	Waste Storage	Generation, storage and handling of liquid and solid wastes. From generation of waste to their removal off-site.
Directly Associated Activity	Cleaning in Place	Dry and wet cleaning of equipment.
Directly Associated Activity	Refrigerant usage	From receipt of refrigerant to use in refrigeration and air conditioning processes.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	B3 of the application section 3 - Answers to Section 3 on application form Part B3 including references to the Food and Drink Sector Guidance EPR 6.10 and the Food, Drink and Milk Industries BREF.  The following application Supporting Documents:	Duly Made 14/09/17

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
	Section 3: EMS Summary Section 3d: Management Systems Section 5b: Site Condition Report Section 5c: Non-Technical Summary Section 6: Environmental Risk Assessment (non-H1, HH1, Emergency) Section 6a: Energy Efficiency Measures Section 6c: Climate Change Levy & ESOS Plan	

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	The Operator shall submit a report detailing a proposed impermeable surfaces rolling repair programme. The Operator shall confirm in writing to the Agency the details of this program, appropriate design & install standards and the reasonable time scale for the repairs.	6 months
IC2	The operator shall carry out an assessment of the containment infrastructure for waste engineering oil, its potential to cause fugitive emissions to surface water, groundwater and soils. The Operator must review the containment measures on site to ensure they comply with the requirements set out in CIRIA Report C736. The operator shall produce a final report to reflect this review and submit it to the Environment Agency for approval in writing. Where any shortfalls in the containment measures are identified, the operator shall include appropriate design & install standards and a reasonable timescale for installing improvements within the written report.	6 months
IC3	The Operator shall carry out a waste minimisation audit of the Installation. The assessment shall have regard to the requirements set out in guidance note EPR 6.10 and the recovery/disposal method for waste. The audit report shall provide information on any lines and operations identified as causing a process loss, specifying for each, the amount lost (tonnes/year) and the percentage recovered in process or recycled.  A summary of the audit shall be sent to the Agency in writing together with a reasonable timetable to implement any necessary changes identified.	12 months
IC4	The Operator shall review their refrigerants used on site and cease to use any which are no longer deemed as acceptable in accordance with the relevant regulations. The operator shall substitute unacceptable f-gas refrigerants with suitable alternatives as soon as reasonably practicable. The operator shall submit a summary report setting out the operators intentions, with appropriate timescales, for approval in writing by the Environment Agency.	12 months
IC5	The operator shall carry out an assessment in accordance with our Environment Agency Guidance H5 Site condition report – guidance and templates and the European Commission Guidance concerning baseline reports under Article 22(2) of Directive 2010/75/EU on industrial emissions (2014/C 136/03), to consider whether they wish to set baseline reference data for any relevant substances of concern taking into account the condition of pollution prevention measures. Additionally, if storing/using hazardous substances on site, the operator will need to complete a Stage 1 – 3 assessment in line with the guidance set out	6 months

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
	<p>within our EC Commission Guidance on baseline reports, to determine whether baseline reference data is required for hazardous substances.</p> <p>If as a consequence of this assessment, the Site Condition Report will be subject to modifications, the Operator shall submit a revised Site Condition Report to the Environment Agency for approval. The completed site condition report shall meet the Industrial Emissions Directive Baseline Reporting requirements as stated in Environmental Permitting (England &amp; Wales) Regulation (2016) regulation 35(1) Schedule 7(5)(m).</p>	
IC6	<p>The operator shall undertake a CCTV survey of sub-surface drainage systems within the installation boundary and provide a report to demonstrate the integrity of the systems and demonstrate that the risk of fugitive emissions from the installation are minimised. Where the requirement for improvements is identified, the report shall include a schedule of works for the proposed improvements with timescales for completion.</p>	12 months

## 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

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in Schedule 7]	Boiler Stack	Combustion gases	No limits set	--	--	--

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on site plan in schedule 7 emission to Manchester Ship Canal	Uncontaminated surface water run-off (site drainage)	No parameters set	No limits set	--	--	--
W2 on site plan in schedule 7 emission to Manchester Ship Canal	Uncontaminated surface water run-off (site drainage)	No parameters set	No limits set	--	--	--
W3 on site plan in schedule 7 emission to Manchester Ship Canal	Uncontaminated surface water run-off (site drainage)	No parameters set	No limits set	--	--	--
W4 on site plan in schedule 7 emission to Manchester Ship Canal	Uncontaminated surface water run-off (site drainage)	No parameters set	No limits set	--	--	--

Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 7 emission to Manchester Ship Canal via North Bank Water Work Treatment	Trade effluent	Discharge rate	100m <sup>3</sup> /day	Daily	Daily	Flow meter

## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
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<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Total production	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Waste produced	Annually	tonnes
Refrigerant usage	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	06/12/17
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	06/12/17
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	06/12/17



# 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	

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

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

Pests” means Birds, Vermin and Insects.

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 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/VP3434YY