

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2010**

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SCA Hygiene Products Manchester Limited

Manchester Paper Mill  
Trafford Park Road  
Trafford Park Industrial Estate  
Manchester  
M17 1EQ

**Variation application number**

EPR/KP3433GN/V004

**Permit number**

EPR/KP3433GN

# Manchester Paper Mill

## Permit number EPR/KP3433GN

### Introductory note

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

The following notice gives notice of the variation and consolidation of an environmental permit.

#### **Changes introduced by this statutory review**

This variation has been issued to update some of the conditions following a statutory review of the permits in the industry sector for the production of pulp, paper and board. The opportunity has also been taken to consolidate the original permit and subsequent variations.

The Industrial Emissions Directive (IED) came into force on 7th January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) conclusions as described in the Commission Implementing Decision. The BAT conclusions for production of pulp, paper and board were published on 30 September 2014 in the Official Journal of the European Union (L284) following a European Union wide review of BAT, implementing decision 2014/687/EU of 26 September 2014. Unless otherwise stated all relevant BAT conclusions: 1, 2, 5, 6, 7, 12, 17, 18, 47, 52 and 53 apply from 1 October 2018.

The schedules specify the changes made to the permit. Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the changes being made. Only the changes specified in schedule 1 are subject to a right of appeal.

The main features of the permit are as follows:

The main purpose of the activity at the installation is the manufacture of tissue products from a mix of virgin and recycled pulps. The plant is designed to operate continuously and is able to produce in excess of 50,000 tonnes of product per annum.

Raw materials are delivered by road and stored internally. Water is supplied by an on-site borehole and town's mains. Bore water is primarily used for cooling purposes before being re-used where feasible in paper production. Excess cooling water is discharged to the Manchester Ship Canal.

Paper stock is prepared in batches, using the pulps and a range of chemical additions, before being held in tanks prior to use. On delivery to the machine a sheet of paper is formed by progressive removal of water through application of pressure, vacuum and heat. In the heat element of the process, the paper sheet passes through the main dryer where hot gases are passed through it, then it is transferred to the Yankee dryer, where final drying is achieved by hot gases and a steam heated drum. The resulting dried paper is then wrapped into large parent rolls and transferred to either the converting hall or storage. During converting multiple webs are combined to produce the required finished goods specification. The resulting finished rolls are packed, palletised and despatched to internal customer storage.

Within the papermaking process water is recycled via a fibre recovery process which consists of disc filters and Dissolved Air Flotation units (DAFs), where solids are floated off by air injection. These solids are transferred to a sludge press for dewatering and then to disposal. Excess water from the system is discharged to public sewer, a surge tank provides ability to isolate and provide on-site containment if required.

Steam is provided to papermaking and converting by a gas fired boiler, with combustion gases being released to atmosphere and boiler blow-down discharged to the public sewer.

Heat generation for the main dryer and Yankee dryer is by gas fired hot air, where the waste gases from the Yankee process can be utilised in heat exchange and as makeup air for the predryer, before being released to atmosphere.

Dust control extraction is provided at the paper machine and at specific converting processes via venturi water scrubbers.

The status log of a 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 received EPR/BJ5210/A001	Duly made 15/02/01	Application for paper mill
Additional information received	06/07/01	
Permit determined BJ5210	03/12/01	Permit issued to Proctor & Gamble Product Supply (UK) Limited
Variation BW0312 determined	22/01/04	
Transfer KP3433GN determined EPR/KP3433GN/T001	22/08/08	Full transfer of permit to SCA Hygiene Products Manchester Limited.
Variation EPR/KP3433GN/V002 determined	22/10/08	
Environment Agency Paper and Pulp Sector Review 2011 (DP3530FS) Variation determined EPR/KP3433GN/V003	29/11/12	Varied and consolidated permit issued in modern condition format.
Regulation 60 Notice dated 21/11/14 (Notice requiring information for statutory review of permit)	Response Received 13/04/15	Technical standards detailed in response to the information notice. Information to demonstrate that relevant BAT conclusions are met for the production of pulp, paper and board as detailed in document reference L284.
Response to Request for Further Information dated 02/09/15	07/09/15	Technical standards detailed in response to item 1 of the request.
EPR/KP3433GN/V004 (variation and consolidation)	-	Statutory review of permit - BAT Conclusions published 30 September 2014
Variation determined EPR/KP3433GN/V004 (Billing Ref: JP3435AF)	29/07/16	Varied and consolidated permit issued

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

### Permit number

EPR/KP3433GN

### Issued to

**SCA Hygiene Products Manchester Limited** (“the operator”)

whose registered office is

**Southfields Road  
Bedfordshire  
LU6 3EJ**

company registration number **04119442**

to operate a regulated facility at

**Manchester Paper Mill  
Trafford Park Road  
Trafford Park Industrial Estate  
Manchester  
M17 1EQ**

to the extent set out in the schedules.

The notice shall take effect from 29/07/2016

Name	Date
<b>SIMON HEWITT</b>	<b>29/07/2016</b>

Authorised on behalf of the Environment Agency

## Schedule 1

The following conditions/tables were changed by the consolidated permit EPR/KP3433GN as a result of an Environment Agency initiated variation:

<b>CONDITIONS</b>	
2.3.2	<b>amended</b> to current permit template format
2.4.1 and 2.4.2	<b>deleted</b> to remove completed improvement conditions
3.1.3	<b>added</b> to implement the requirements of the Industrial Emissions Directive (IED)
3.2.2	<b>amended</b> current permit template format
3.3.2	<b>amended</b> current permit template format
3.4.2	<b>amended</b> current permit template format
4.2.2	<b>amended</b>
4.2.3	<b>amended</b>
4.3.1 and 4.3.2	<b>amended</b> to implement the requirements of the IED
4.4.2	<b>amended</b> to implement the requirements of the IED
Schedule 6	<b>updated</b>
<b>TABLES</b>	
S1.3	<b>deleted</b> to remove completed improvement conditions
S3.1	<b>amended</b> to modify sampling requirements
S3.3	<b>amended</b> to modify sampling requirements
S3.4	<b>added</b> to implement the requirements of the Industrial Emissions Directive (IED)
S4.2	<b>amended</b> to Annual production
S4.3	<b>amended</b> Performance parameters

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/KP3433GN**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/KP3433GN/V004 authorising,

**SCA Hygiene Products Manchester Limited** (“the operator”),

whose registered office is

**Southfields Road  
Bedfordshire  
LU6 3EJ**

company registration number **04119442**

to operate an installation at

**Manchester Paper Mill  
Trafford Park Road  
Trafford Park Industrial Estate  
Manchester  
M17 1EQ**

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

Name	Date
SIMON HEWITT	29/07/2016

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

1.2.1 The operator shall:

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

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

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



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

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

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

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

## **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, S3.3 and S3.4.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2, S3.3 and S3.4 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 (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 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

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
A1	Section 6.1 Part A(1)(b)	Producing, in industrial plant, paper and board where the plant has a production capacity of more than 20 tonnes per day and where the production capacity for individual plant is greater than 50,000 tonnes.	From receipt and storage of virgin paper pulp and other raw materials, to storage and despatch of the finished product.
<b>Directly Associated Activity</b>			
A2	Steam supply	11.7 MWth gas-fired boiler	Includes demineralised water plant
A3	Abstraction and treatment of water	Abstraction and treatment of water from a borehole	

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Original Application BJ5210	The response to question 2.3 and given in pages 28 – 40/Section B2.3 of the application.	15/02/01
Response to Schedule 4 Part 1 Notice	Response to questions 4, 5, 7 and 9	06/07/01
Response to Improvement Condition 9.10	Section B2.3	29/08/03
Application for variation September 2003	Section C2.3	08/10/03
Application for process change dated 30/04/07 for addition of fragrance to core of tissue rolls	All	30/04/07
Response to Regulation 60 Notice dated 21/11/14	Technical standards detailed in response to BAT conclusions from the notice provided under Regulation 60 of Environmental Permitting Regulations. Best available techniques as described in BAT conclusions under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions for production of pulp, paper and board	13/04/15
Response to Request for Further Information dated 02/09/15	Technical standards detailed in response to item 1 of the request.	07/09/15

## **Schedule 2 – Waste types, raw materials and fuels**

No condition applies



## 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
A1	Boiler (gas fired) Stack	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	200 mg/m <sup>3</sup>	To comply with standard	Annual	BS EN 14792
A1	Boiler (gas fired) Stack	Carbon Monoxide	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 15058
A2	Dust Control Stack	Total Particulate Matter	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 13284-1
A3	Yankee Stack	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	No limit set mg/m <sup>3</sup>	To comply with standard	Annual	BS EN 14792
A3	Yankee Stack	Carbon Monoxide	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 15058
A3	Yankee Stack	Volatile organic compounds (as toluene)	No limit set mg/m <sup>3</sup>	To comply with standard	Annual	BS EN 12619
A4	Main Dryer Stack	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	No limit set mg/m <sup>3</sup>	To comply with standard	Annual	BS EN 14792
A4	Main Dryer Stack	Carbon Monoxide	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 15058
A5	Converting Dust Control Stack	Total Particulate Matter	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 13284-1
A6	Baler Dust Control Stack	Total Particulate Matter	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 13284-1
A7	UTM Dust Control Stack	Total Particulate Matter	No limit set mg/m <sup>3</sup>	To comply with standard	Note 1	BS EN 13284-1

Note 1: Monitoring shall be undertaken upon the written request of the Environment Agency.

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. unit)</b>	<b>Reference Period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
W1	Cooling and surface water discharge	No parameters set	No limit set	-	-	-
W2	Surface Drainage	No parameters set	No limit set	-	-	-

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1	Emission to Sewer	Metals Total and Dissolved (Zn, Cu, Cd, Pb, Ni, Hg)	-	Spot sample	Twice a year	BS EN ISO 15586 BS EN ISO 17294 BS EN ISO 17852 for Hg only
S1	Emission to Sewer	Hazardous Pollutants screen <sup>note 1</sup>	-	Spot sample	Twice a year	GCMS analysis at UKAS accredited laboratory

Note 1: Hazardous pollutants screen substances are: Chlorpyrifos, Cypermethrin, Endosulphan (A & B), 4-nonylphenols & Nonylphenol ethoxylates, PCP, TBT.

<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
Abstracted water inlet	Hazardous Pollutants screen <sup>note 1</sup>	Twice per annum as per discharge monitoring	GCMS analysis at UKAS accredited laboratory	Spot sample
S1	Chemical oxygen demand (COD)	monthly	BS ISO 15705	Daily composite sample (flow proportional)
S1	Total suspended solids (TSS)	monthly	BS EN 872	Daily composite sample (flow proportional)

Note 1: Hazardous pollutants screen substances are: Chlorpyrifos, Cypermethrin, Endosulphan (A & B), 4-nonylphenols & Nonylphenol ethoxylates, PCP, TBT.

## Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A1, A3, A4	Every 12 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 6 months	1 January, 1 July

Parameter	Units
Production of paper	tonnes

Parameter <sup>note 1</sup>	Frequency of assessment	Units	Units
Water inputs to the Mill <sup>note 1</sup>	Annually	tonnes	m <sup>3</sup> /t
Water used in manufacturing <sup>note 1</sup>	Annually	tonnes	m <sup>3</sup> /t
Other inputs of water/moisture <sup>note 1</sup>	Annually	tonnes	m <sup>3</sup> /t
Water outputs <sup>note 1</sup>	Annually	tonnes	m <sup>3</sup> /t

Note 1. All to be monitored and reported in accordance with associated guidance note issued with the permit

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	2016
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	2016
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	2016

# 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	
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 for activity reference A1 (Table S1.1)

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

“ADt” means Air Dried Tonnes (of pulp) expressed as 90% dryness. ADt for paper should be reported at “normal” or average moisture content for the production over the course of any one year, noted but not corrected.

AOX is adsorbable organic halides measured according to the EN ISO:9562 standard method for waste waters.

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

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

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 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 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.

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“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.

Net production is as follows:

- i) For paper mills: the unpacked, saleable production after the last slitter winder, i.e. before converting.
- (ii) For off-line coaters: production after coating.
- (iii) For tissue mills: saleable tonnes after the tissue machine before any rewinding processes and excluding any core.
- (iv) For market pulp mills: tonnage after packing (pulp at 90 % dryness, i.e. 'air dry' - AD).
- (v) For integrated pulp mills: net pulp production refers to the tonnage after packing (pulp at 90 % dryness, i.e. AD) plus the pulp transferred to the paper mill (pulp calculated at 90 % dryness, i.e. air dry). For the net paper production of the integrated mill refer to (i)

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.

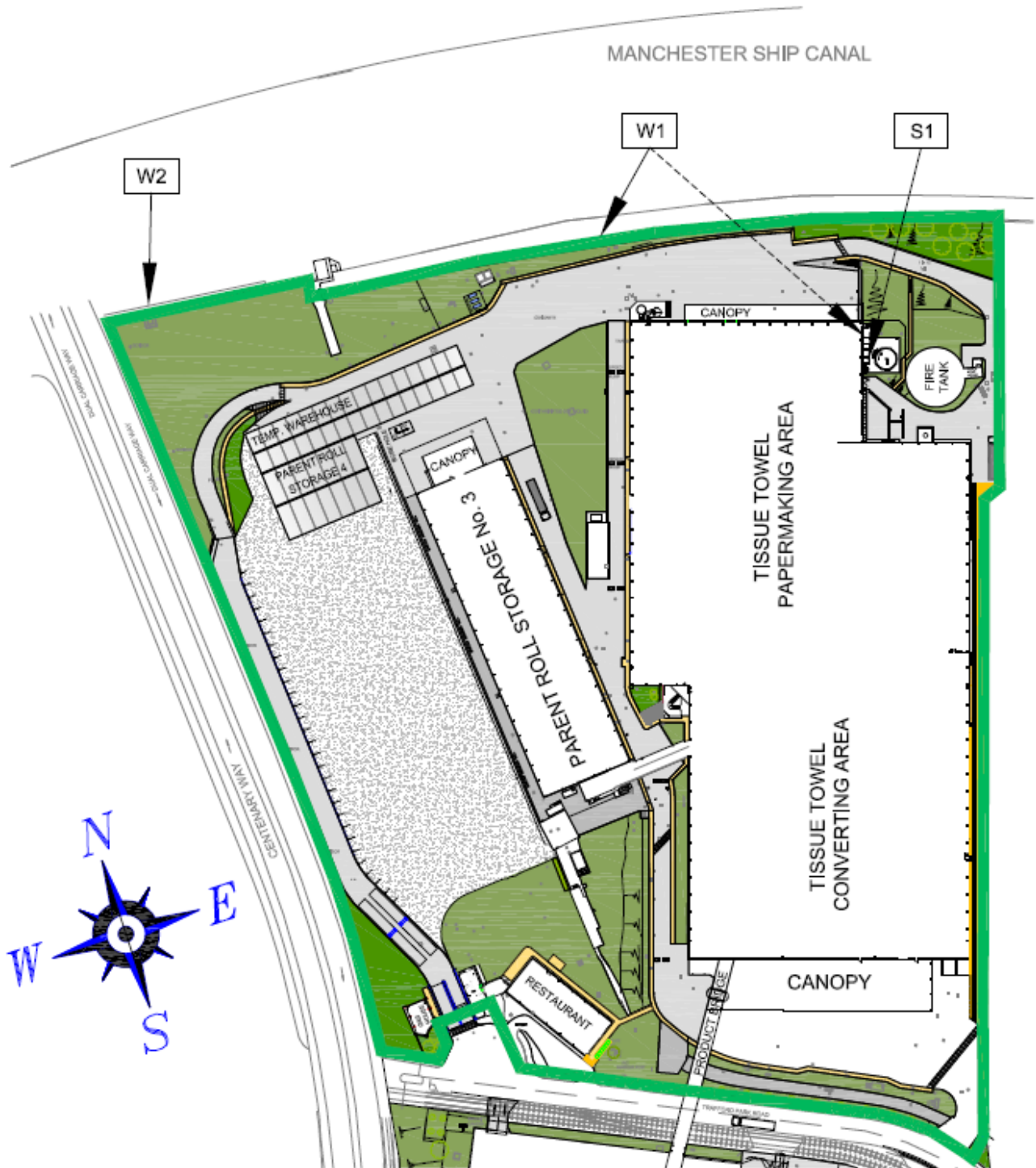
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- 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



END OF PERMIT