



## 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	BT4885
Name of operator	UPM-Kymmene UK Ltd
Location of Facility	Weighbridge Rd, Shotton, Deeside, Flintshire. CH5 2LL
Time and date of the detection	08:00 03.10.13

(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	
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	W3
Parameter(s)	BOD
Limit	25mg/l
Measured value and uncertainty	26 – 37mg/l
Date and time of monitoring	23 <sup>rd</sup> - 27 <sup>th</sup> September
Measures taken, or intended to be taken, to stop the emission	Procedural changes made to prevent reoccurrence

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Monday daily pump out 13280m <sup>3</sup>	23.09.13
Friday daily pump out 8089m <sup>3</sup>	27.09.13

	INITIALS	DATE
OK FOR PUBLIC REGISTER	JS	10/10/13
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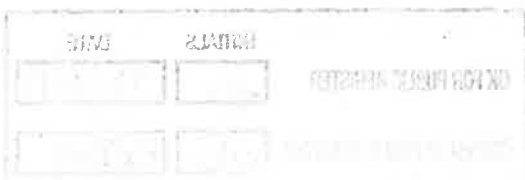
<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
<b>Description of where the effect on the environment was detected</b>	
<b>Substances(s) detected</b>	
<b>Concentrations of substances detected</b>	
<b>Date of monitoring/sampling</b>	

**Part B- to be submitted as soon as practicable**

<b>Any more accurate information on the matters for notification under Part A.</b>	
<b>Measures taken, or intended to be taken, to prevent a recurrence of the incident</b>	
<b>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</b>	
<b>The dates of any unauthorised emissions from the facility in the preceding 24 months.</b>	

<b>NAME*</b>	Kevin O Smith
<b>POST</b>	Utilities Manager
<b>SIGNATURE</b>	
<b>DATE</b>	03.10.13

• authorised to sign on behalf of the operator



# 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	BT4885
Name of operator	UPM-Kymmene UK Ltd
Location of Facility	Weighbridge Rd, Shotton, Deeside, Flintshire. CH5 2LL
Time and date of the detection	08:00 03.10.13

(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	
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	W3
Parameter(s)	BOD
Limit	25mg/l
Measured value and uncertainty	26 – 37mg/l
Date and time of monitoring	23 <sup>rd</sup> - 27 <sup>th</sup> September
Measures taken, or intended to be taken, to stop the emission	Procedural changes made to prevent reoccurrence

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Monday daily pump out 13280m <sup>3</sup>	23.09.13
Friday daily pump out 8089m <sup>3</sup>	27.09.13

OK FOR PUBLIC REGISTER	INITIALS	DATE
	JS	3/2/14
COPIED TO PUBLIC REGISTER	JB	Edem

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

**Part B- to be submitted as soon as practicable**

<b>Any more accurate information on the matters for notification under Part A.</b>	<p>We believe we have identified the root cause of the high BOD reading</p> <ul style="list-style-type: none"> <li>i) Work was carried out earlier this year on the Lagoon 2a air distribution system which we believe has generally improved the condition within the lagoon due to improved oxygen dissolution, we kept the same Dissolved Oxygen set point</li> <li>ii) During the higher BOD reading, the nitrification suppressant reagent being used was past its use by date.</li> <li>iii) At this time due to higher than normal Dissolved Oxygen we had partial nitrification of the lagoon which together with the out of date reagent caused the higher BOD readings</li> </ul> <p>The reagent use by date had never been an issue previously as the lagoon had never been in a nitrified condition. Following the reagent change all BODs have returned to normal levels.</p>
<b>Measures taken, or intended to be taken, to prevent a recurrence of the incident</b>	<p>The following corrective actions has been put in place</p> <ul style="list-style-type: none"> <li>i) Replace the nitrifying reagent every week</li> <li>ii) Reduction of the Dissolved Oxygen setpoint to reduce potential of nitrification</li> </ul>
<b>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</b>	
<b>The dates of any unauthorised emissions from the facility in the preceding 24 months.</b>	

<b>NAME*</b>	Kevin O Smith
<b>POST</b>	Utilities Manager
<b>SIGNATURE</b>	
<b>DATE</b>	03.10.13

• authorised to sign on behalf of the operator

