

Schedule 1 • Notification of abnormal emissions

Part A

Permit Number		EPR/WP3836ZF	
Name of Operator		Tradebe Healthcare National Ltd	
Location of Installation		Wrexham Clinical Waste Incinerator, Marlborough Road, Wrexham Industrial Estate, Wrexham LL13 9RJ	
Location of the emission		A1	
Time and date of the emission		11:03 – 12:06 22 September 2015 (Report Received 19 October 2015)	
Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Mercury	Air	0.06 mg/m3	11:03- 12:06
Measures taken, or Intended to be taken, to stop the emission		<p>No issues have been reported or initially identified with the combustion operation.</p> <p>Mercury monitoring by an accredited emissions monitoring contractor was carried out on 22/9/15.</p> <ul style="list-style-type: none"> <li>Carbon delivery rate measurements have been taken to confirm adequate carbon is being delivered.</li> </ul>	

Part B

Any more accurate information on the matters for notification under Part A.	<p>Following on from previous issues with mercury a new system had been introduced to allow for continuous monitoring of the rate of carbon being delivered, ensuring a consistent supply. The new system was delivering carbon but was not yet being used for regular rate checks.</p> <p>The carbon dosing rate was still being checked on a weekly basis at the time of the test. The reading taken prior to the mercury testing gave a dosing rate of 2.2 kg/ hour, but this was at a single point in time over the week and did not give the confirmation of consistent carbon supply over the week.</p> <p>No potentially mercury containing wastes were identified at the time of the testing</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>The new carbon dosing system has been replaced with an improved carbon delivery system since the testing. The improved system has been supplied for the task of giving accurate weights without interrupting the supply of reagent.</p> <p>The decision was also made to increase the carbon concentration required in the Flue Gas to 200mg/Nm3 which equates to a carbon delivery rate of 2kg/hr.</p> <p>The weight is checked and logged every 2 hours and is now able to demonstrate a consistent rate of 2kg/hr at any time.</p> <p>The system is also checked on a regular basis to ensure the system has adequate carbon to achieve the required dosing rate. The system is filled when required</p> <p>A mercury re-test has been arranged for 23<sup>rd</sup> December</p>
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	No action applicable.

Name*	Stephen Blay
Post	SHEQ Officer
Signature	S Blay
Date	10 December 2015

• authorised to sign on behalf of Tradebe Healthcare National Limited