

# 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	EPR/LP3030XA	
Name of operator	Viridor Trident Park Limited	
Location of Facility	Glass Avenue, Cardiff. CF24 5EN	
Time and date of the detection	18 September 2023	18:30H

<b>(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment</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 permit condition</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	A2
Parameter(s)	HCl
Limit	60 mg/m <sup>3</sup>
Measured value and uncertainty	68.16mg/m <sup>3</sup>
Date and time of monitoring	18 Sept 2023 18:00 – 18:29h
Measures taken, or intended to be taken, to stop the emission	Upon detection of rising HCl level the lime dosing was put in manual control and increased, standby lime dosing was started and boiler load was reduced. Waste feeding stopped and the grate was run off before reintroducing waste.

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

(c) In the event 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:	
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**

<p>Any more accurate information on the matters for notification under Part A.</p>	<p>Review of the Distributed Control System (DCS) indicates that HCl started to climb from its expected emission release concentration of ~9mg/m<sup>3</sup> at 17:15H</p> <p>The duty lime dosing screw was operating as designed from 17:15H until 18:03H as HCl emissions for the two previous ½ hour readings were below the ELV.</p> <p>17:00 to 17 :29H was 22.77mg/m<sup>3</sup> and 17:30 to 17:59H was 28.99mg/m<sup>3</sup></p> <p>As the duty lime screw was operating at 100% and the HCl was rising at 18:04H, the operator intervened manually to add additional lime from the standby lime screw to control the HCl emissions. Boiler load was reduced. This had the desired effect of returning the HCl emissions to expected values</p> <p>18:30 to 18 :59H was 22.34mg/m<sup>3</sup> and 19:00 to 19:29H was 6.36mg/m<sup>3</sup></p> <p>The DCS control system reacted correctly and the operator followed the correct operational procedure to combat the rising HCl emission.</p> <p>This short term elevated reading indicates that the cause was due to the content of the waste being processed.</p>
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	Having investigated the waste inputs for the day there was one new customer identified. This customer has been placed on stop and a site visit has been undertaken to review operational practices and to reinforce the plant's waste quality requirements.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	When in a position to resume deliveries this customer will be the subject of targeted waste inspections to prevent a re-occurrence.
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 operators took timely and appropriate in accordance with the operating procedure to minimise the HCl spike. These included increasing the dosage of lime to the capability of the plant and reducing boiler load.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	31_10_2021 20_12_2021 23_2_2022 10_7_2022 27_7_2022 29_7_2022 11_1_2023 21_2_2023

<b>Name*</b>	Gwyn Jones
<b>Post</b>	EHS Manager
<b>Signature</b>	<i>G Jones</i>
<b>Date</b>	04_10_2023

\* authorised to sign on behalf of the operator